

NON-ENVIRONMENTAL EMI / RFI BACKSHELL



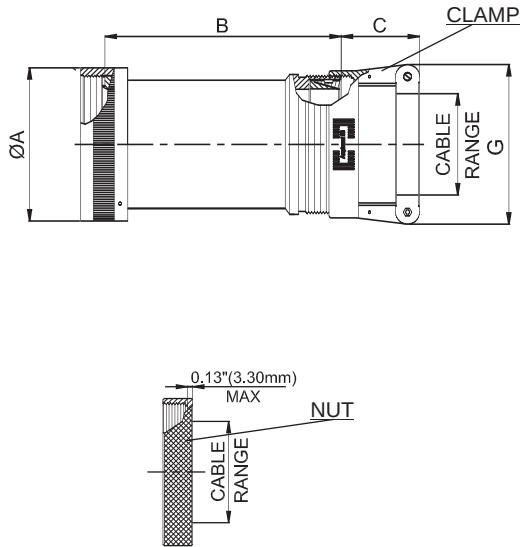
360-degree screen termination facility is offered in this Backshell in addition to other features of the Non-Environmental type. Available in straight, 90 degree bent and 45 degree bent varieties, it accommodates both individual and overall shielding.

For Connector Group		Page No.
J	→	III-1 - III-7
K	→	III-8 - III-12
L	→	III-13 - III-17
M	→	III-18 - III-23
N	→	III-24 - III-29

Note: For Connector group Identification refer Table 1 - A, B, C, D (Page 7-11) and for Material / Plating Finish, Refer Table-2 (Page 12)

Connector Group - J

Straight



Amphenol Part Number

BM1 S X J 99 99 9 X X

Series ———
Angle ———
S: straight
Coupling ———
R: spin
D: direct
Connector group ———

Finish: see Table-2
End clamp
C: clamp
N: nut
Length code constant
See Table-A
Entry size
See Table-A
Shell size
See Table-A

MIL Part Number

M85049 / 99 9 X

MIL Series ———
Slash sheet
25: Straight, spin coupling

Finish:
See Table-2
Dash Number:
See Table-A

NOTE: * For more cable entry and length options, contact factory

TABLE - A																
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE	LENGTH	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
													INCH	MM	INCH	MM
08	01	1	5	8	0.62	15.67	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.25	6.35
		2	6		0.62	15.67	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.25	6.35
	02	1	7*		0.62	15.67	2.88	73.15	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
		2	8*		0.62	15.67	3.88	98.55	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
10	01	1	9	10	0.73	18.64	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
		2	10		0.73	18.64	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	02	1	11*		0.73	18.64	2.88	73.15	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
		2	12*		0.73	18.64	3.88	98.55	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	03	1	136		0.73	18.64	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.38	9.53
		2	137		0.73	18.64	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.38	9.53
12	01	1	13	7/12	0.86	21.79	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
		2	14		0.86	21.79	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	02	1	15*		0.86	21.79	2.88	73.15	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
		2	16*		0.86	21.79	3.88	98.55	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88
	03	1	111		0.86	21.79	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.50	12.70
		2	114		0.86	21.79	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
	04	1	115		0.86	21.79	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
		2	117		0.86	21.79	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.50	12.70
	05	1	138		0.86	21.79	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.50	12.70
		2	139		0.86	21.79	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.50	12.70
14	01	1	17	12/14	0.98	24.99	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.58	14.61
		2	18		0.98	24.99	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.58	14.61
	02	1	19*		0.98	24.99	2.88	73.15	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
		2	20*		0.98	24.99	3.88	98.55	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	03	1	116		0.98	24.99	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
		2	117		0.98	24.99	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10
	04	1	150		0.98	24.99	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92
		2	151		0.98	24.99	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92

Table Continued

Connector Group - J

Straight

TABLE - A

AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE				
SHELL SIZE	ENTRY SIZE	LENGTH	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX		
													INCH	MM	INCH	MM	
16	01	1	21	19/16	1.11	28.24	2.13	54.10	1.06	26.90	1.55	39.40	0.50	12.70	0.70	17.78	
		2	22		1.11	28.24	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.70	17.78	
	02	1	23*		1.11	28.24	2.88	73.15	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80	
		2	24*		1.11	28.24	3.88	98.55	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80	
	03	1	112		1.11	28.24	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10	
		2	113		1.11	28.24	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10	
	04	1	118		1.11	28.24	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88	
		2	119		1.11	28.24	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88	
	05	1	152		1.11	28.24	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92	
		2	153		1.11	28.24	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92	
18	01	1	25	27/18	1.22	30.94	2.13	54.10	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88	
		2	26		1.22	30.94	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88	
	02	1	27		1.22	30.94	2.13	54.10	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05	
		2	28		1.22	30.94	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05	
	03	1	29*		1.22	30.94	2.88	73.15	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80	
		2	30*		1.22	30.94	3.88	98.55	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80	
	04	1	120		1.22	30.94	2.13	54.10	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92	
		2	121		1.22	30.94	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92	
	05	1	122		1.22	30.94	2.13	54.10	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10	
		2	123		1.22	30.94	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10	
20	01	1	31	37/20	1.35	34.16	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88	
		2	32		1.35	34.16	4.13	104.90	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88	
	02	1	33		1.35	34.16	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05	
		2	34		1.35	34.16	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05	
	03	1	35*		1.35	34.16	3.88	98.55	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80	
		2	36*		1.35	34.16	4.88	123.95	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80	
	04	1	37*		1.35	34.16	3.88	98.55	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75	
		2	38*		1.35	34.16	4.88	123.95	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75	
	05	1	124		1.35	34.16	3.13	79.50	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10	
		2	125		1.35	34.16	4.13	104.90	1.03	26.09	1.15	29.08	0.25	6.35	0.44	11.10	
22	01	1	39	22	1.47	37.29	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88	
		2	40		1.47	37.29	4.13	104.90	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88	
	02	1	41		1.47	37.29	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05	
		2	42		1.47	37.29	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05	
	03	1	43		1.47	37.29	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80	
		2	44		1.47	37.29	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80	
	04	1	45*		1.47	37.29	3.88	98.55	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75	
		2	46*		1.47	37.29	4.88	123.95	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75	
	05	1	126		1.47	37.29	3.13	79.50	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92	
		2	127		1.47	37.29	4.13	104.90	1.03	26.09	0.96	24.31	0.13	3.18	0.31	7.92	
24	01	1	47	24	1.59	40.46	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05	
		2	48		1.59	40.46	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05	
	02	1	49		1.59	40.46	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.81	20.62	
		2	50		1.59	40.46	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.81	20.62	
	03	1	51		1.59	40.46	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80	
		2	52		1.59	40.46	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80	
	04	1	53*		1.59	40.46	3.88	98.55	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75	
		2	54*		1.59	40.46	4.88	123.95	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75	
	05	1	130		1.59	40.46	3.13	79.50	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88	
		2	131		1.59	40.46	4.13	104.90	1.03	26.09	1.33	33.83	0.35	8.89	0.63	15.88	
26	06	1	144	26	1.59	40.46	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	1.14	29.06	
		2	145		1.59	40.46	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.14	29.06	

Table Continued

Connector Group - J

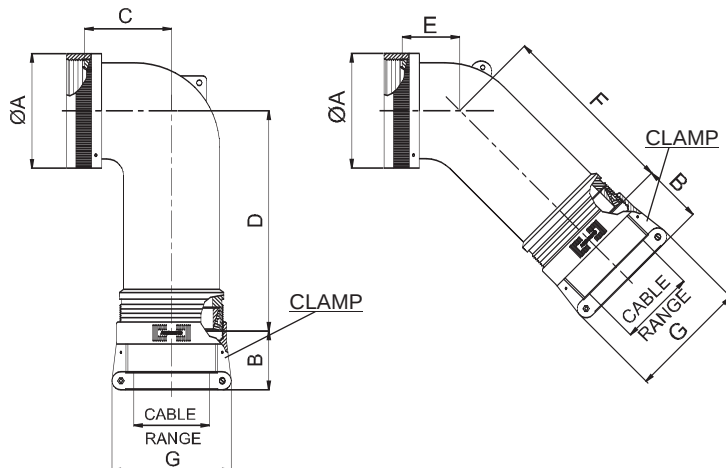
Straight

TABLE - A

TABLE - A																
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (MAX)		C (REF)		G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE	LENGTH	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	MIN		MAX	
													INCH	MM	INCH	MM
28	01	1	55	28	1.97	50.01	3.13	79.50	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
		2	56		1.97	50.01	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	02	1	57		1.97	50.01	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
		2	58		1.97	50.01	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	03	1	59		1.97	50.01	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
		2	60		1.97	50.01	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	04	1	61		1.97	50.01	3.13	79.50	1.50	38.10	23.63	600.20	1.00	25.40	1.38	34.93
		2	62		1.97	50.01	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
32	01	1	63	32	2.22	56.36	3.13	79.50	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
		2	64		2.22	56.36	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
	02	1	65		2.22	56.36	3.13	79.50	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
		2	66		2.22	56.36	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	03	1	67		2.22	56.36	3.13	79.50	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
		2	68		2.22	56.36	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	04	1	69		2.22	56.36	3.13	79.50	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
		2	70		2.22	56.36	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
36	01	1	71	36	2.47	62.71	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
		2	72		2.47	62.71	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	02	1	73		2.47	62.71	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
		2	74		2.47	62.71	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	03	1	75		2.47	62.71	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
		2	76		2.47	62.71	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	04	1	77*		2.47	62.71	5.01	127.25	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
		2	78*		2.47	62.71	6.01	152.65	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	05	1	132		2.47	62.71	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
		2	133		2.47	62.71	5.13	130.30	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	06	1	146		2.47	62.71	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.84	46.74
		2	147		2.47	62.71	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.84	46.74
	07	1	148		2.47	62.71	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
		2	149		2.47	62.71	5.13	130.30	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
40	01	1	79	40	2.72	69.06	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
		2	80		2.72	69.06	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	02	1	81		2.72	69.06	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
		2	82		2.72	69.06	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	03	1	83		2.72	69.06	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
		2	84		2.72	69.06	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	04	1	85		2.72	69.06	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
		2	86		2.72	69.06	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
	05	1	134		2.72	69.06	4.13	104.90	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
		2	135		2.72	69.06	5.13	130.30	1.06	26.90	1.55	39.40	0.50	12.70	0.75	19.05
	06	1	156		2.72	69.06	4.13	104.90	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
		2	157		2.72	69.06	5.13	130.30	1.16	29.36	1.77	44.96	0.63	15.88	0.94	23.80
44	01	1	87	44	2.97	75.41	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
		2	88		2.97	75.41	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	02	1	89		2.97	75.41	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
		2	90		2.97	75.41	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	03	1	91		2.97	75.41	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
		2	92		2.97	75.41	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	04	1	93		2.97	75.41	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
		2	94		2.97	75.41	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
48	01	1	95	48	3.22	81.76	4.13	104.90	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
		2	96		3.22	81.76	5.13	130.30	1.38	34.93	2.11	53.67	0.88	22.23	1.25	31.75
	02	1	97		3.22	81.76	4.13	104.90	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
		2	98		3.22	81.76	5.13	130.30	1.50	38.10	2.36	60.02	1.00	25.40	1.38	34.93
	03	1	99		3.22	81.76	4.13	104.90	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
		2	100		3.22	81.76	5.13	130.30	1.78	45.24	2.77	70.36	1.25	31.75	1.63	41.28
	04	1	101		3.22	81.76	4.13	104.90	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63
		2	102		3.22	81.76	5.13	130.30	1.83	46.48	3.02	76.71	1.44	36.50	1.88	47.63

Connector Group - J

90°, 45°



Amphenol Part Number

BM1 X X J 99 99 9 X X

Series: BM1
Angle: X (A: 90deg, B: 45deg)
Coupling: X (R: spin)
Connector group: J
Finish: see Table-2
End clamp: X (C: clamp, N: nut)
Length: 99 (9: Not applicable)
Entry size: 99 (See Table-B)
Shell size: 9 (See Table-B)

MIL Part Number

M85049 / 99 9 X

MIL Series: M85049
Slash sheet: 99 (24: 90deg, spin coupling; 23: 45deg, spin coupling)
Finish: X (See Table-2)
Dash Number: 9 (See Table-B)

NOTE: * For more cable entry options, contact factory

TABLE - B													
AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)	
SHELL SIZE	ENTRY SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	3	8	0.62	15.67	1.03	26.09	0.67	17.02	1.26	32.00	0.63	16.00
10	01	4	10	0.73	18.64	1.03	26.09	0.76	19.30	1.98	50.29	0.69	17.53
	02	49*		0.73	18.64	1.03	26.09	1.52	38.61	2.00	50.80	1.50	38.10
	03	5		0.73	18.64	1.03	26.09	0.76	19.30	1.38	35.05	0.69	17.53
12	01	6	7/12	0.86	21.79	1.03	26.09	0.77	19.56	2.00	50.80	0.75	19.05
	02	71*		0.86	21.79	1.03	26.09	1.81	45.97	2.16	54.86	1.65	41.91
	03	7		0.86	21.79	1.03	26.09	0.77	19.56	2.00	50.80	0.75	19.05
	04	8		0.86	21.79	1.03	26.09	0.77	19.56	1.40	35.56	0.75	19.05
14	01	9	12/14	0.98	24.99	1.03	26.09	0.87	22.10	2.07	52.58	0.81	20.57
	02	10		0.98	24.99	1.03	26.09	0.87	22.10	1.72	43.69	0.81	20.57
	03	50*		0.98	24.99	1.06	26.90	1.89	48.01	2.33	59.18	1.84	46.74
	04	74		0.98	24.99	1.03	26.09	0.87	22.10	2.07	52.58	0.81	20.57
16	01	11	19/16	1.11	28.24	1.03	26.09	1.05	26.67	2.16	54.86	0.91	23.11
	02	12		1.11	28.24	1.06	26.90	1.05	26.67	1.81	45.97	0.91	23.11
	03	40		1.11	28.24	1.03	26.09	1.05	26.67	2.16	54.86	0.91	23.11
	04	51*		1.11	28.24	1.16	29.36	2.04	51.82	2.44	61.98	1.94	49.28
	05	75		1.11	28.24	1.03	26.09	1.05	26.67	2.16	54.86	0.91	23.11

Table Continued

Connector Group - J

90°, 45°

TABLE - B													
AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	A DIA. (MAX)		B (REF)		C (MAX)		D (MAX)		E (MAX)	
SHELL SIZE	ENTRY SIZE	DASH NO		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
18	01	13	27/18	1.22	30.94	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69
	02	14		1.22	30.94	1.16	29.36	1.14	28.96	1.98	50.29	1.09	27.69
	03	41		1.22	30.94	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69
	04	42		1.22	30.94	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69
	05	52		1.22	30.94	1.06	26.90	1.14	28.96	2.33	59.18	1.09	27.69
	06	72*		1.22	30.94	1.16	29.36	2.05	52.07	2.44	61.98	1.94	49.28
20	01	15	37/20	1.35	34.16	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69
	02	16		1.35	34.16	1.16	29.36	1.14	28.96	1.98	50.29	1.09	27.69
	03	43		1.35	34.16	1.03	26.09	1.14	28.96	2.33	59.18	1.09	27.69
	04	54		1.35	34.16	1.06	26.90	1.14	28.96	2.33	59.18	1.09	27.69
	05	55		1.35	34.16	1.38	34.93	2.14	54.36	2.61	66.29	2.06	52.32
22	01	17	22	1.47	37.29	1.06	26.90	1.29	32.77	2.44	61.98	1.19	30.23
	02	18		1.47	37.29	1.38	34.93	1.29	32.77	2.09	53.09	1.19	30.23
	03	44		1.47	37.29	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23
	04	45		1.47	37.29	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23
	05	56		1.47	37.29	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23
	06	57		1.47	37.29	1.16	29.36	1.29	32.77	2.44	61.98	1.19	30.23
	07	58*		1.47	37.29	1.38	34.93	2.14	54.36	2.61	66.29	2.06	52.32
24	01	19	24	1.59	40.46	1.06	26.90	1.29	32.77	2.44	61.98	1.19	30.23
	02	20		1.59	40.46	1.38	34.93	1.29	32.77	2.09	53.09	1.19	30.23
	03	46		1.59	40.46	1.03	26.09	1.29	32.77	2.44	61.98	1.19	30.23
	04	59		1.59	40.46	1.16	29.36	1.29	32.77	2.44	61.98	1.19	30.23
	05	73*		1.59	40.46	1.38	34.93	2.15	54.61	2.61	66.29	2.06	52.32
28	01	21	28	1.97	50.01	1.16	29.36	1.39	35.31	2.61	66.29	1.31	33.27
	02	22		1.97	50.01	1.50	38.10	1.39	35.31	2.26	57.40	1.31	33.27
	03	60		1.97	50.01	1.06	26.90	1.39	35.31	2.61	66.29	1.31	33.27
	04	61		1.97	50.01	1.38	34.93	1.39	35.31	2.61	66.29	1.31	33.27
32	01	23	32	2.22	56.36	1.16	29.36	1.74	44.20	2.86	72.64	1.38	35.05
	02	24		2.22	56.36	1.38	34.93	1.74	44.20	2.86	72.64	1.38	35.05
	03	25		2.22	56.36	1.78	45.24	1.74	44.20	2.51	63.75	1.38	35.05
	04	62		2.22	56.36	1.50	38.10	1.74	44.20	2.86	72.64	1.38	35.05
36	01	26	36	2.47	62.71	1.16	29.36	1.94	49.28	2.83	71.88	1.41	35.81
	02	27		2.47	62.71	1.50	38.10	1.94	49.28	2.83	71.88	1.41	35.81
	03	28		2.47	62.71	1.83	46.48	1.94	49.28	2.48	62.99	1.41	35.81
	04	47		2.47	62.71	1.06	26.90	1.94	49.28	2.83	71.88	1.41	35.81
	05	63		2.47	62.71	1.38	34.93	1.94	49.28	2.83	71.88	1.41	35.81
	06	64		2.47	62.71	1.78	45.24	1.94	49.28	2.83	71.88	1.41	35.81
40	01	29	40	2.72	69.06	1.16	29.36	2.69	68.33	2.83	71.88	2.16	54.86
	02	30		2.72	69.06	1.50	38.10	2.69	68.33	2.83	71.88	2.16	54.86
	03	31		2.72	69.06	1.83	46.48	2.69	68.33	2.48	62.99	2.16	54.86
	04	48		2.72	69.06	1.06	26.90	1.94	49.28	2.83	71.88	2.16	54.86
	05	65		2.72	69.06	1.38	34.93	2.69	68.33	2.83	71.88	2.16	54.86
	06	66		2.72	69.06	1.78	45.24	2.69	68.33	2.83	71.88	2.16	54.86
44	01	32	44	2.97	75.41	1.16	29.36	2.69	68.33	2.83	71.88	2.16	54.86
	02	33		2.97	75.41	1.50	38.10	2.69	68.33	2.83	71.88	2.16	54.86
	03	34		2.97	75.41	1.83	46.48	2.69	68.33	2.48	62.99	2.16	54.86
	04	67		2.97	75.41	1.38	34.93	2.69	68.33	2.83	71.88	2.16	54.86
	05	68		2.97	75.41	1.78	45.24	2.69	68.33	2.83	71.88	2.16	54.86
48	01	35	48	3.22	81.76	1.16	29.36	2.69	68.33	2.83	71.88	2.16	54.86
	02	36		3.22	81.76	1.50	38.10	2.69	68.33	2.83	71.88	2.16	54.86
	03	37		3.22	81.76	1.83	46.48	2.69	68.33	2.48	62.99	2.16	54.86
	04	69		3.22	81.76	1.38	34.93	2.69	68.33	2.83	71.88	2.16	54.86
	05	70		3.22	81.76	1.78	45.24	2.69	68.33	2.83	71.88	2.16	54.86

Table Continued

Connector Group - J

90°, 45°

TABLE - B											
AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	F (MAX)		G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE	DASH NO		INCH	MM	INCH	MM	MIN		MAX	
								INCH	MM	INCH	MM
08	01	3	8	1.25	31.75	0.96	24.31	0.13	3.18	0.25	6.35
10	01	4	10	1.92	48.77	0.96	24.31	0.13	3.18	0.31	7.92
	02	49*		1.98	50.29	1.15	29.08	0.25	6.35	0.44	11.10
	03	5		1.31	33.27	1.15	29.08	0.25	6.35	0.38	9.53
12	01	6	7/12	1.98	50.29	0.96	24.31	0.13	3.18	0.31	7.92
	02	71*		2.18	55.37	1.33	33.83	0.35	8.89	0.63	15.88
	03	7		1.98	50.29	1.15	29.08	0.25	6.35	0.44	11.10
	04	8		1.98	50.29	1.33	33.83	0.35	8.89	0.50	12.70
14	01	9	12/14	2.07	52.58	1.15	29.08	0.25	6.35	0.44	11.10
	02	10		1.72	43.69	1.33	33.83	0.35	8.89	0.58	14.61
	03	50*		2.37	60.20	1.55	39.40	0.50	12.70	0.75	19.05
	04	74		2.07	52.58	0.96	24.31	0.13	3.18	0.31	7.92
16	01	11	19/16	2.18	55.37	1.15	29.08	0.25	6.35	0.44	11.10
	02	12		1.82	46.23	1.55	39.40	0.50	12.70	0.70	17.78
	03	40		2.18	55.37	1.33	33.83	0.35	8.89	0.63	15.88
	04	51*		2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
	05	75		2.18	55.37	0.96	24.31	0.13	3.18	0.31	7.92
18	01	13	27/18	2.37	60.20	1.33	33.83	0.35	8.89	0.63	15.88
	02	14		2.00	50.80	1.77	44.96	0.63	15.88	0.78	19.79
	03	41		2.37	60.20	0.96	24.31	0.13	3.18	0.31	7.92
	04	42		2.37	60.20	1.15	29.08	0.25	6.35	0.44	11.10
	05	52		2.37	60.20	1.55	39.40	0.50	12.70	0.75	19.05
	06	72*		2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
20	01	15	37/20	2.37	60.20	1.33	33.83	0.35	8.89	0.63	15.88
	02	16		2.00	50.80	1.77	44.96	0.63	15.88	0.90	22.96
	03	43		2.37	60.20	1.15	29.08	0.25	6.35	0.44	11.10
	04	54		2.37	60.20	1.55	39.40	0.50	12.70	0.75	19.05
	05	55		2.57	65.28	2.11	53.67	0.88	22.23	1.25	31.75
22	01	17	22	2.52	64.01	1.55	39.40	0.50	12.70	0.75	19.05
	02	18		2.16	54.86	2.11	53.67	0.88	22.23	1.03	26.14
	03	44		2.52	64.01	0.96	24.31	0.13	3.18	0.31	7.92
	04	45		2.52	64.01	1.15	29.08	0.25	6.35	0.44	11.10
	05	56		2.52	64.01	1.33	33.83	0.35	8.89	0.63	15.88
	06	57		2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
	07	58*		2.57	65.28	2.11	53.67	0.88	22.23	1.25	31.75
24	01	19	24	2.52	64.01	1.55	39.40	0.50	12.70	0.75	19.05
	02	20		2.16	54.86	2.11	53.67	0.88	22.23	1.14	29.06
	03	46		2.52	64.01	1.33	33.83	0.35	8.89	0.63	15.88
	04	59		2.52	64.01	1.77	44.96	0.63	15.88	0.94	23.80
	05	73*		2.57	65.28	2.12	53.75	0.88	22.23	1.25	31.75
28	01	21	28	2.57	65.28	1.77	44.96	0.63	15.88	0.94	23.80
	02	22		2.22	56.39	2.36	60.02	1.00	25.40	1.38	34.93
	03	60		2.57	65.28	1.55	39.40	0.50	12.70	0.75	19.05
	04	61		2.57	65.28	2.11	53.67	0.88	22.23	1.25	31.75
32	01	23	32	2.67	67.82	1.77	44.96	0.63	15.88	0.94	23.80
	02	24		2.67	67.82	2.11	53.67	0.88	22.23	1.25	31.75
	03	25		2.32	58.93	2.77	70.36	1.25	31.75	1.63	41.28
	04	62		2.67	67.82	2.36	60.02	1.00	25.40	1.38	34.93

Table Continued

Connector Group - J

90°, 45°

TABLE - B											
AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR	CONNECTOR SHELL SIZE	F (MAX)		G (MAX)		CABLE RANGE			
SHELL SIZE	ENTRY SIZE	DASH NO		INCH	MM	INCH	MM	MIN		MAX	
								INCH	MM	INCH	MM
32	01	23	32	2.67	67.82	1.77	44.96	0.63	15.88	0.94	23.80
	02	24		2.67	67.82	2.11	53.67	0.88	22.23	1.25	31.75
	03	25		2.32	58.93	2.77	70.36	1.25	31.75	1.63	41.28
	04	62		2.67	67.82	2.36	60.02	1.00	25.40	1.38	34.93
36	01	26	36	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	02	27		2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	03	28		2.41	61.21	3.02	76.71	1.44	36.50	1.84	46.74
	04	47		2.76	70.10	1.55	39.40	0.50	12.70	0.75	19.05
	05	63		2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	06	64		2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28
40	01	29	40	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	02	30		2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	03	31		2.41	61.21	3.02	76.71	1.44	36.50	1.88	47.63
	04	48		2.76	70.10	1.55	39.40	0.50	12.70	0.75	19.05
	05	65		2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	06	66		2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28
44	01	32	44	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	02	33		2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	03	34		2.41	61.21	3.02	76.71	1.44	36.50	1.88	47.63
	04	67		2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	05	68		2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28
48	01	35	48	2.76	70.10	1.77	44.96	0.63	15.88	0.94	23.80
	02	36		2.76	70.10	2.36	60.02	1.00	25.40	1.38	34.93
	03	37		2.41	61.21	3.02	76.71	1.44	36.50	1.88	47.63
	04	69		2.76	70.10	2.11	53.67	0.88	22.23	1.25	31.75
	05	70		2.76	70.10	2.77	70.36	1.25	31.75	1.63	41.28



Connector Group - K

Straight

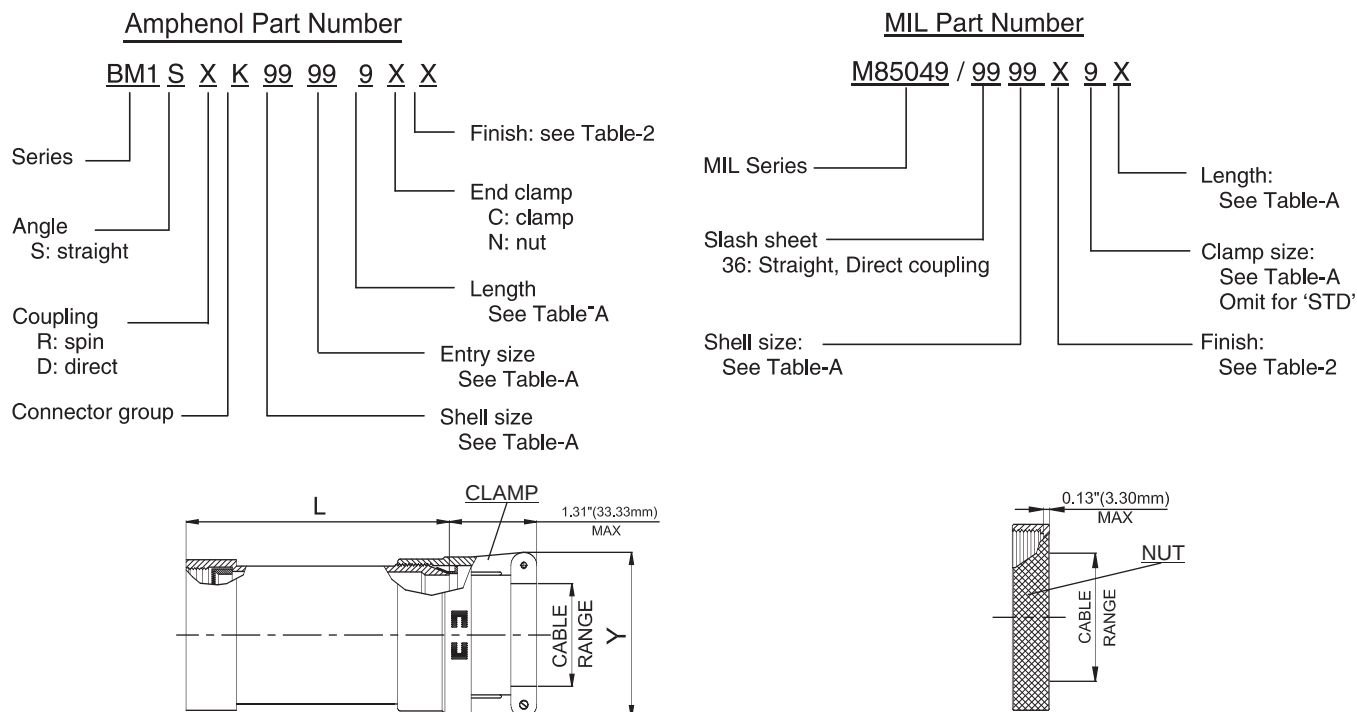


TABLE - A														
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
							INCH	MM	INCH	MM				
08	01	1	08	1	STD.	8 / 9	0.06	1.57	0.13	3.18	1.53	38.86	0.78	19.81
		2			A						2.53	64.26		
	02	1		2	STD.		0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2			A						2.53	64.26		
10	01	1	10	1	STD.	10 / 11	0.06	1.57	0.13	3.18	1.53	38.86	0.78	19.81
		2			A						2.53	64.26		
	02	1		2	STD.		0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2			A						2.53	64.26		
	03	1		3	STD.		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2			A						2.53	64.26		
12	01	1	12	2	STD.	12 / 13	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2			A						2.53	64.26		
	02	1		3	STD.		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2			A						2.53	64.26		
	03	1		4	STD.		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2			A						2.53	64.26		
14	01	1	14	2	STD.	14 / 15	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2			A						2.53	64.26		
		3			B						3.53	89.66		
	02	1		3	STD.		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2			A						2.53	64.26		
		3			B						3.53	89.66		
	03	1		4	STD.		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2			A						2.53	64.26		
		3			B						3.53	89.66		
	04	1		5	STD.		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2			A						2.53	64.26		
		3			B						3.53	89.66		

Table Continued

Connector Group - K

Straight

TABLE - A														
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
							INCH	MM	INCH	MM				
16	01	1	16	2	STD.	16 / 17	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2			A						2.53	64.26		
		3			B						3.53	89.66		
	02	1		3	STD.		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2			A						2.53	64.26		
		3			B						3.53	89.66		
	03	1		4	STD.		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2			A						2.53	64.26		
		3			B						3.53	89.66		
	04	1		5	STD.		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2			A						2.53	64.26		
		3			B						3.53	89.66		
	05	1		6	STD.		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2			A						2.53	64.26		
		3			B						3.53	89.66		
18	01	1	18	3	STD.	18 / 19	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2			A						2.53	64.26		
		3			B						3.53	89.66		
	02	1		4	STD.		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2			A						2.53	64.26		
		3			B						3.53	89.66		
	03	1		5	STD.		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2			A						2.53	64.26		
		3			B						3.53	89.66		
	04	1		6	STD.		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2			A						2.53	64.26		
		3			B						3.53	89.66		
	05	1		7	STD.		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2			A						2.53	64.26		
		3			B						3.53	89.66		
20	01	1	20	3	STD.	20 / 21	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		
	02	1		4	STD.		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		
	03	1		5	STD.		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		
	04	1		6	STD.		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		
	05	1		7	STD.		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		
	06	1		8	STD.		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		

Table Continued

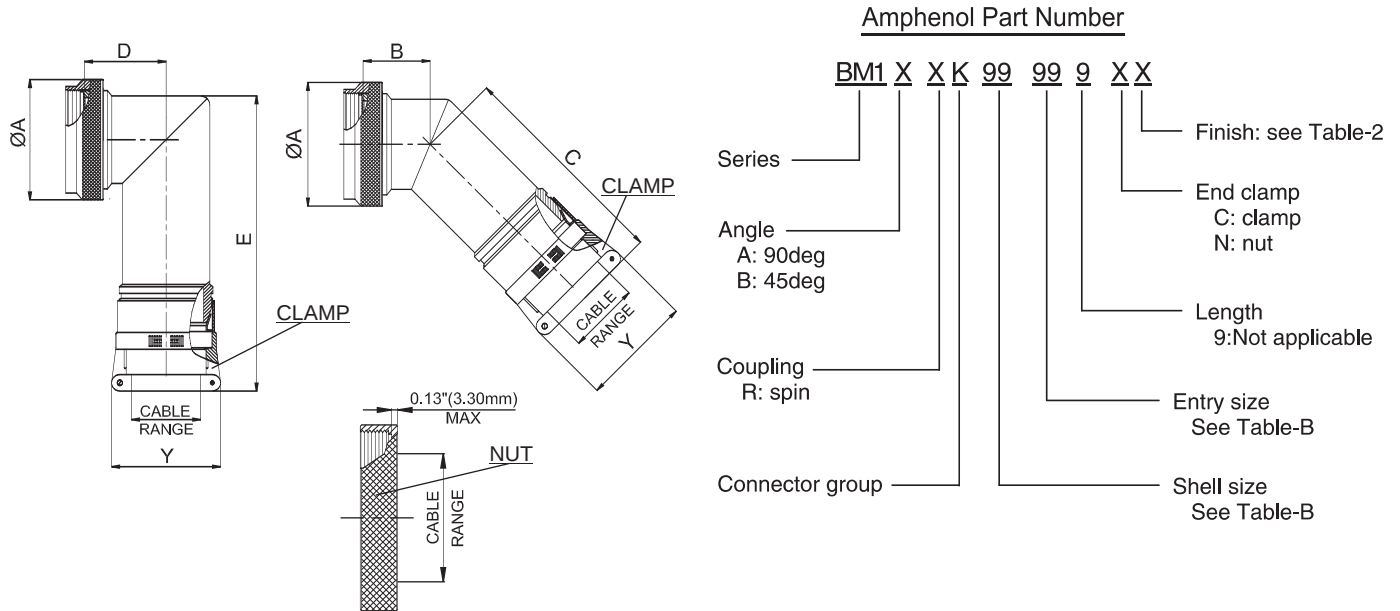
Connector Group - K

Straight

TABLE - A														
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	ACCESSORY SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
							INCH	MM	INCH	MM				
22	01	1	22	3	STD.	22 /23	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		
	02	1		4	STD.		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		
	03	1		5	STD.		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		
	04	1		6	STD.		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		
	05	1		7	STD.		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		
	06	1		8	STD.		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		
	07	1		9	STD.		0.94	23.80	1.13	28.58	1.53	38.86	1.75	44.45
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		
24	01	1	24	4	STD.	24 / 25	0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		
	02	1		5	STD.		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		
	03	1		6	STD.		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		
	04	1		7	STD.		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		
	05	1		8	STD.		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		
	06	1		9	STD.		0.94	23.80	1.13	28.58	1.53	38.86	1.75	44.45
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		
	07	1		10	STD.		1.06	26.97	1.25	31.75	1.53	38.86	1.88	47.75
		2			A						2.53	64.26		
		3			B						3.53	89.66		
		4			C						4.53	115.06		

Connector Group - K

90°, 45°



NOTE: * For more cable entry options, contact factory

TABLE - B																				
AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	SHELL SIZE	CLAMP SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
					INCH	MM	INCH	MM												
08	01	08	1	8 / 9	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.78	19.81
	02		2		0.13	3.18	0.25	6.35											0.97	24.64
10	01	10	1	10 / 11	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.78	19.81
	02		2		0.13	3.18	0.25	6.35											0.97	24.64
	03		3		0.25	6.35	0.38	9.53											1.06	26.92
12	01	12	2	12 / 13	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	0.97	24.64
	02		3		0.25	6.35	0.38	9.53											1.06	26.92
	03		4		0.31	7.92	0.50	12.70											1.16	29.46
14	01	14	2	14 / 15	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	0.97	24.64
	02		3		0.25	6.35	0.38	9.53											1.06	26.92
	03		4		0.31	7.92	0.50	12.70											1.16	29.46
	04		5		0.44	11.10	0.63	15.88											1.25	31.75
16	01	16	2	16 / 17	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	0.97	24.64
	02		3		0.25	6.35	0.38	9.53											1.06	26.92
	03		4		0.31	7.92	0.50	12.70											1.16	29.46
	04		5		0.44	11.10	0.63	15.88											1.25	31.75
	05		6		0.56	14.27	0.75	19.05											1.38	35.05
18	01	18	3	18 / 19	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.06	26.92
	02		4		0.31	7.92	0.50	12.70											1.16	29.46
	03		5		0.44	11.10	0.63	15.88											1.25	31.75
	04		6		0.56	14.27	0.75	19.05											1.38	35.05
	05		7		0.69	17.45	0.88	22.23											1.50	38.10
20	01	20	3	20 / 21	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.06	26.92
	02		4		0.31	7.92	0.50	12.70											1.16	29.46
	03		5		0.44	11.10	0.63	15.88											1.25	31.75
	04		6		0.56	14.27	0.75	19.05											1.38	35.05
	05		7		0.69	17.45	0.88	22.23											1.50	38.10
	06		8		0.81	20.62	1.00	25.40											1.63	41.40

Table Continued

Connector Group - K

90°, 45°

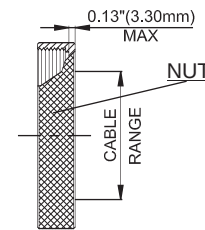
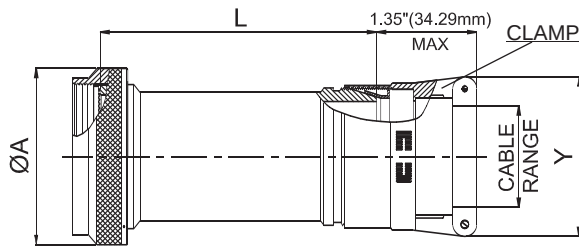
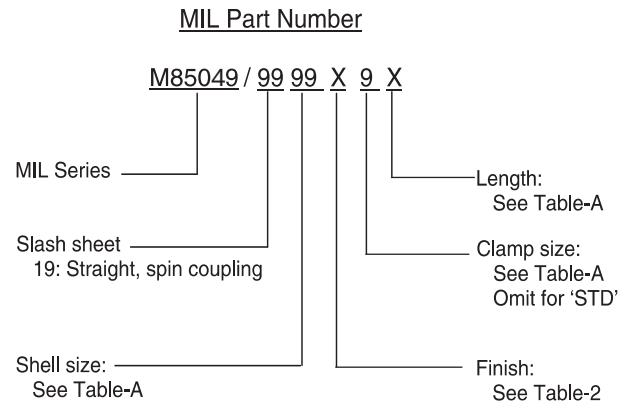
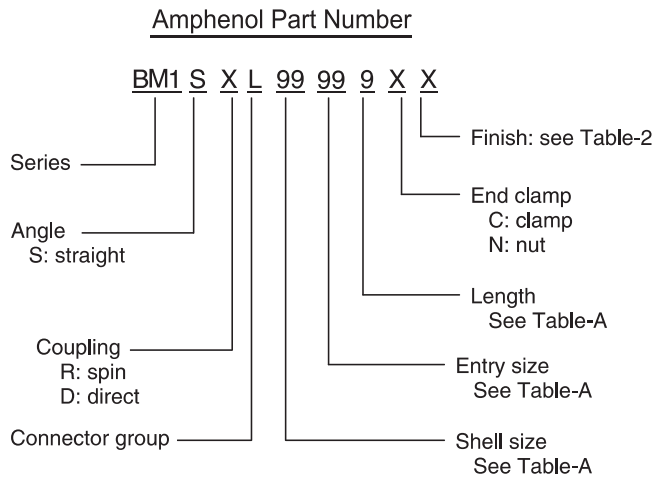
TABLE - B

TABLE - B																				
AMPHENOL PART NUMBER DESIGNATOR		MIL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE SE – II / I	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	SHELL SIZE	CLAMP SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
					INCH	MM	INCH	MM												
22	01	22	3	22 / 23	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.06	26.92
	02		4		0.31	7.92	0.50	12.70											1.16	29.46
	03		5		0.44	11.10	0.63	15.88											1.25	31.75
	04		6		0.56	14.27	0.75	19.05											1.38	35.05
	05		7		0.69	17.45	0.88	22.23											1.50	38.10
	06		8		0.81	20.62	1.00	25.40											1.63	41.40
	07		9		0.94	23.80	1.13	28.58											1.75	44.45
24	01	24	4	24 / 25	0.31	7.92	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.16	29.46
	02		5		0.44	11.10	0.63	15.88											1.25	31.75
	03		6		0.56	14.27	0.75	19.05											1.38	35.05
	04		7		0.69	17.45	0.88	22.23											1.50	38.10
	05		8		0.81	20.62	1.00	25.40											1.63	41.40
	06		9		0.94	23.80	1.13	28.58											1.75	44.45
	07		10		1.06	26.97	1.25	31.75											1.88	47.75



Connector Group - L

Straight



NOTE: * For more cable entry and length options, contact factory

TABLE - A																
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
							INCH	MM	INCH	MM						
08	01	1	09	1	STD.	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	1.53	38.86	0.80	20.32
		2			A								2.53	64.26		
	02	1		STD.	0.13		3.18	0.25	6.35	1.53			38.86	1.00	25.40	
		2		A						2.53			64.26			
10	01	1	11	1	STD.	11 / B	0.06	1.57	0.13	3.18	0.85	21.59	1.53	38.86	0.80	20.32
		2			A								2.53	64.26		
	02	1		STD.	0.13		3.18	0.25	6.35	1.53			38.86	1.00	25.40	
		2		A						2.53			64.26			
	03	1		STD.	0.25		6.35	0.38	9.53	1.53			38.86	1.10	27.94	
		2		A						2.53			64.26			
12	01	1	13	2	STD.	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	1.53	38.86	1.00	25.40
		2			A								2.53	64.26		
	02	1		STD.	0.25		6.35	0.38	9.53	1.53			38.86	1.10	27.94	
		2		A						2.53			64.26			
	03	1		STD.	0.31		7.92	0.50	12.70	1.53			38.86	1.20	30.48	
		2		A						2.53			64.26			
14	01	1	15	2	STD.	15 / D	0.13	3.18	0.25	6.35	1.10	27.94	1.53	38.86	1.00	25.40
		2			A								2.53	64.26		
		3			B								3.53	89.66		
	02	1		3	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94
		2			A								2.53	64.26		
		3			B								3.53	89.66		
	03	1		4	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		2			A								2.53	64.26		
		3			B								3.53	89.66		
	04	1		5	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		2			A								2.53	64.26		
		3			B								3.53	89.66		

Table Continued

Connector Group - L

Straight

TABLE - A

TABLE - A																					
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		L (MAX)		Y (MAX)						
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM					
							INCH	MM	INCH	MM											
16	01	1	17	2	STD.	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	1.53	38.86	1.00	25.40					
		2			A								2.53	64.26							
		3			B								3.53	89.66							
	02	1		3	STD.		0.25	6.35	0.38	9.53			1.53	38.86	1.10	27.94					
		2			A								2.53	64.26							
		3			B								3.53	89.66							
	03	1		4	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48					
		2			A								2.53	64.26							
		3			B								3.53	89.66							
	04	1		5	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75					
		2			A								2.53	64.26							
		3			B								3.53	89.66							
	05	1		6	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56					
		2			A								2.53	64.26							
		3			B								3.53	89.66							
	18	01		1	19		3	STD.	19 / F	0.25			6.35	0.38	9.53	1.40	35.56	1.53	38.86	1.10	27.94
				2				A										2.53	64.26		
				3				B										3.53	89.66		
02		1	4	STD.		0.31	7.92	0.50		12.70	1.53	38.86	1.20	30.48							
		2		A							2.53	64.26									
		3		B							3.53	89.66									
03		1	5	STD.		0.44	11.10	0.63		15.88	1.53	38.86	1.25	31.75							
		2		A							2.53	64.26									
		3		B							3.53	89.66									
04		1	6	STD.		0.56	14.27	0.75		19.05	1.53	38.86	1.40	35.56							
		2		A							2.53	64.26									
		3		B							3.53	89.66									
05		1	7	STD.		0.69	17.45	0.88		22.23	1.53	38.86	1.50	38.10							
		2		A							2.53	64.26									
		3		B							3.53	89.66									
20		01	1	21		3	STD.	21 / G		0.25	6.35	0.38	9.53	1.50	38.10			1.53	38.86	1.10	27.94
			2				A											2.53	64.26		
			3				B											3.53	89.66		
	4		C		4.53		115.06														
	02	1	4		STD.	0.31	7.92		0.50	12.70	1.53	38.86	1.20			30.48					
		2			A						2.53	64.26									
		3			B						3.53	89.66									
		4			C						4.53	115.06									
	03	1	5		STD.	0.44	11.10		0.63	15.88	1.53	38.86	1.25			31.75					
		2			A						2.53	64.26									
		3			B						3.53	89.66									
		4			C						4.53	115.06									
	04	1	6		STD.	0.56	14.27		0.75	19.05	1.53	38.86	1.40			35.56					
		2			A						2.53	64.26									
		3			B						3.53	89.66									
		4			C						4.53	115.06									
	05	1	7		STD.	0.69	17.45		0.88	22.23	1.53	38.86	1.50			38.10					
		2			A						2.53	64.26									
		3			B						3.53	89.66									
		4			C						4.53	115.06									
	06	1	8		STD.	0.81	20.62		1.00	25.40	1.53	38.86	1.65			41.91					
		2			A						2.53	64.26									
		3			B						3.53	89.66									
		4			C						4.53	115.06									

Table Continued

Connector Group - L

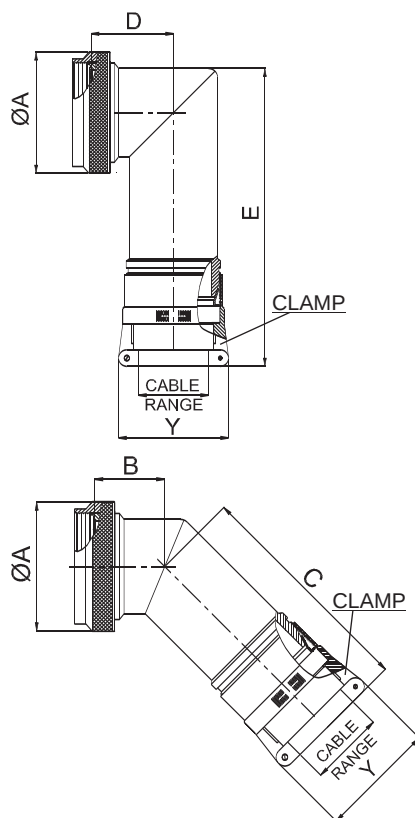
Straight

TABLE - A

TABLE - A																
AMPHENOL PART NUMBER DESIGNATOR			MIL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH	CONNECTOR SHELL SIZE	CLAMP SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM	INCH	MM
							INCH	MM	INCH	MM						
22	01	1	23	3	STD.	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.53	38.86	1.10	27.94
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	02	1		4	STD.		0.31	7.92	0.50	12.70			1.53	38.86	1.20	30.48
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	03	1		5	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	04	1		6	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	05	1		7	STD.		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	06	1		8	STD.		0.81	20.62	1.00	25.40			1.53	38.86	1.65	41.91
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	07	1		9	STD.		0.94	23.80	1.13	28.58			1.53	38.86	1.75	44.45
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
24	01	1	25	4	STD.	25 / J	0.31	7.92	0.50	12.70	1.75	44.45	1.53	38.86	1.20	30.48
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	02	1		5	STD.		0.44	11.10	0.63	15.88			1.53	38.86	1.25	31.75
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	03	1		6	STD.		0.56	14.27	0.75	19.05			1.53	38.86	1.40	35.56
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	04	1		7	STD.		0.69	17.45	0.88	22.23			1.53	38.86	1.50	38.10
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	05	1		8	STD.		0.81	20.62	1.00	25.40			1.53	38.86	1.65	41.91
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	06	1		9	STD.		0.94	23.80	1.13	28.58			1.53	38.86	1.75	44.45
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		
	07	1		10	STD.		1.06	26.97	1.25	31.75			1.53	38.86	1.90	48.26
		2			A								2.53	64.26		
		3			B								3.53	89.66		
		4			C								4.53	115.06		

Connector Group - L

90°, 45°



Amphenol Part Number

BM1 X X L 99 99 9 X X

Series ———

Angle ———
A: 90deg
B: 45deg

Coupling ———
R: spin

Connector group ———

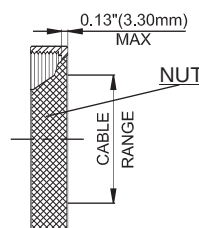
Finish: see Table-2

End clamp
C: clamp
N: nut

Length
9: Not applicable

Entry size
See Table-B

Shell size
See Table-B



NOTE: * For more cable entry options, contact factory

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
			MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
08	01	09 / A	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
10	01	11 / B	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.80	20.32
	02		0.13	3.18	0.25	6.35											1.00	25.40
	03		0.25	6.35	0.38	9.53											1.10	27.94
12	01	13 / C	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.31	7.92	0.50	12.70											1.20	30.48
14	01	15 / D	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.31	7.92	0.50	12.70											1.20	30.48
	04		0.44	11.10	0.63	15.88											1.25	31.75
16	01	17 / E	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	1.00	25.40
	02		0.25	6.35	0.38	9.53											1.10	27.94
	03		0.31	7.92	0.50	12.70											1.20	30.48
	04		0.44	11.10	0.63	15.88											1.25	31.75
	05		0.56	14.27	0.75	19.05											1.40	35.56
18	01	19 / F	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.10	27.94
	02		0.31	7.92	0.50	12.70											1.20	30.48
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.40	35.56
	05		0.69	17.45	0.88	22.23											1.50	38.10

Table Continued

Connector Group - L

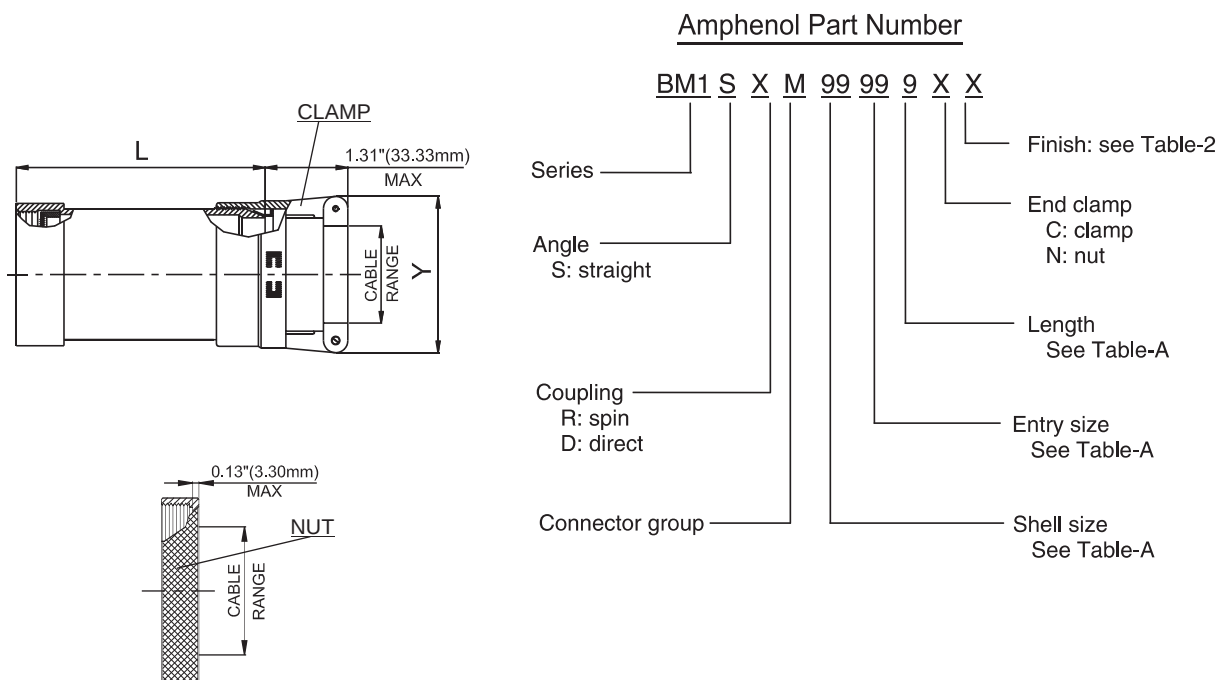
90°, 45°

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE/CODE (REF.)	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
			MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
20	01	21 / G	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.10	27.94
	02		0.31	7.92	0.50	12.70											1.20	30.48
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.40	35.56
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.65	41.91
22	01	23 / H	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.10	27.94
	02		0.31	7.92	0.50	12.70											1.20	30.48
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.40	35.56
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.65	41.91
	07		0.94	23.80	1.13	28.58											1.75	44.45
24	01	25 / J	0.31	7.92	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.20	30.48
	02		0.44	11.10	0.63	15.88											1.25	31.75
	03		0.56	14.27	0.75	19.05											1.40	35.56
	04		0.69	17.45	0.88	22.23											1.50	38.10
	05		0.81	20.62	1.00	25.40											1.65	41.91
	06		0.94	23.80	1.13	28.58											1.75	44.45
	07		1.06	26.97	1.25	31.75											1.90	48.26

Connector Group - M

Straight



NOTE: * For more cable entry and length options, contact factory

TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX					
				INCH	MM	INCH	MM				
08	01	1	8	0.06	1.57	0.13	3.18	1.53	38.86	0.78	19.81
		2						2.53	64.26		
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
10	01	1	10	0.06	1.57	0.13	3.18	1.53	38.86	0.78	19.81
		2						2.53	64.26		
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
	03	1		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
12	01	1	12	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
	03	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
14	01	1	14	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
		3						3.53	89.66		

Table Continued

Connector Group - M

Straight

TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
14	02	1	14	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
	03	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
	04	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
16	01	1	16	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
		3						3.53	89.66		
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
	03	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
	04	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
	05	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
18	01	1	18	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
	02	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
	03	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
	04	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
	05	1		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2						2.53	64.26		
		3						3.53	89.66		

Table Continued



Connector Group - M

Straight

TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
20	01	1	20	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	02	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	03	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	04	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	05	1		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	06	1		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
22	01	1	22	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	02	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	03	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	04	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		

Table Continued



Connector Group - M

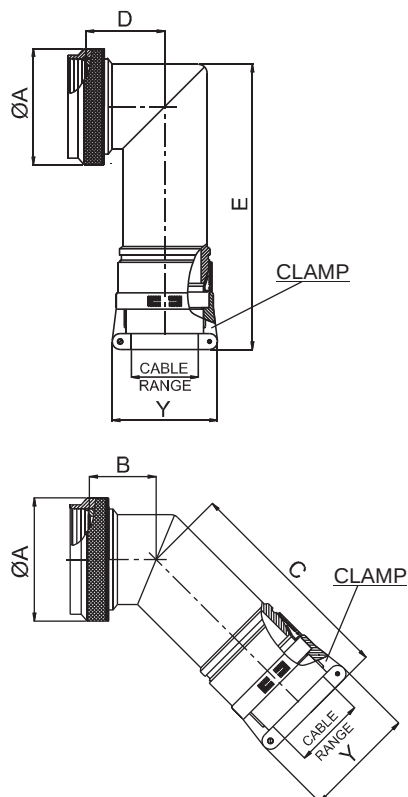
Straight

TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
22	05	1	22	0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	06	1		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	07	1		0.94	23.80	1.13	28.58	1.53	38.86	1.75	44.45
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
24	01	1	24	0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	02	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	03	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	04	1		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	05	1		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	06	1		0.94	23.80	1.13	28.58	1.53	38.86	1.75	44.45
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	07	1		1.06	26.97	1.25	31.75	1.53	38.86	1.88	47.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		



Connector Group - M

90°, 45°



Amphenol Part Number

BM1 X X M 99 99 9 X X

Series ————

Angle ————
A: 90deg
B: 45deg

Coupling ————
R: spin

Connector group ————

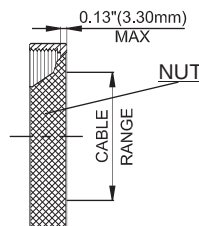
Finish: see Table-2

End clamp
C: clamp
N: nut

Length
9: Not applicable

Entry size
See Table-B

Shell size
See Table-B



NOTE: * For more cable entry options, contact factory

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
			MIN		MAX													
			INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
08	01	8	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.78	19.81
	02		0.13	3.18	0.25	6.35											0.97	24.64
10	01	10	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.78	19.81
	02		0.13	3.18	0.25	6.35											0.97	24.64
	03		0.25	6.35	0.38	9.53											1.06	26.92
12	01	12	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
14	01	14	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
	04		0.44	11.10	0.63	15.88											1.25	31.75

Table Continued

Connector Group - M

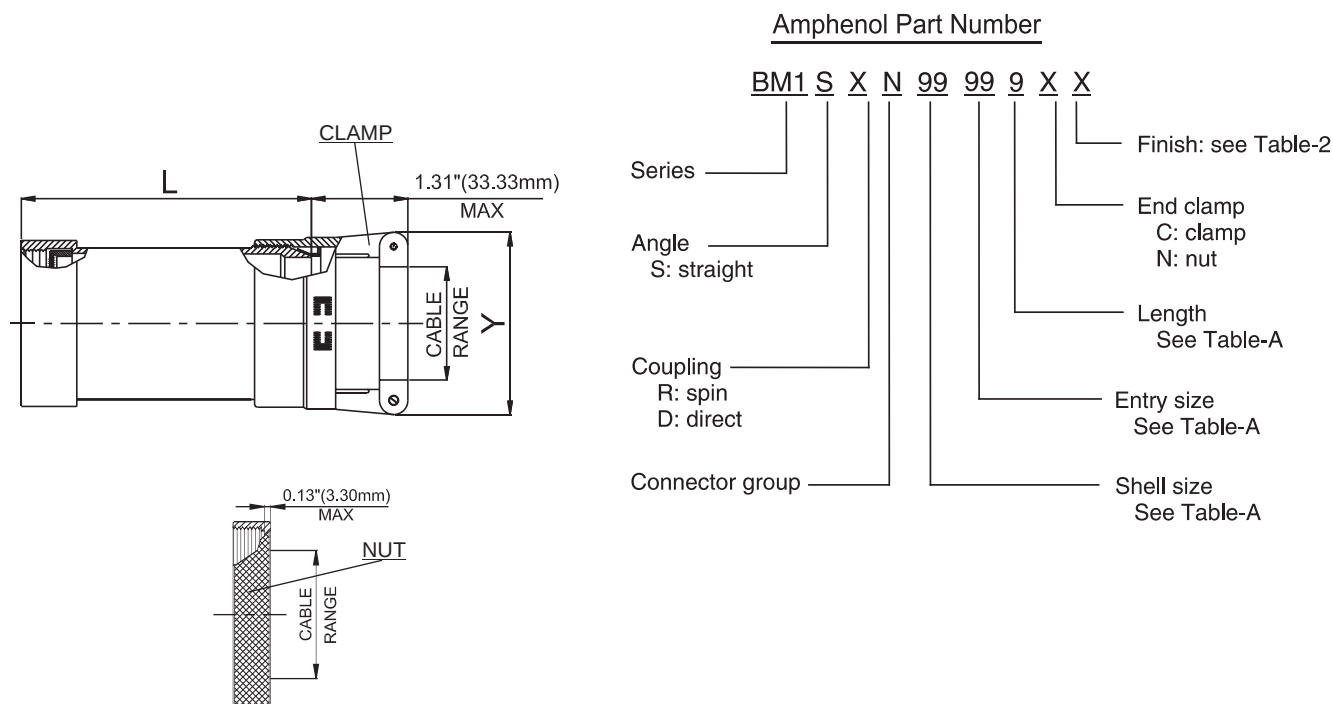
90°, 45°

TABLE - B

TABLE - B																		
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
16	01	16	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
	04		0.44	11.10	0.63	15.88											1.25	31.75
	05		0.56	14.27	0.75	19.05											1.38	35.05
18	01	18	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
20	01	20	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.63	41.40
22	01	22	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.63	41.40
	07		0.94	23.80	1.13	28.58											1.75	44.45
24	01	24	0.31	7.92	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.16	29.46
	02		0.44	11.10	0.63	15.88											1.25	31.75
	03		0.56	14.27	0.75	19.05											1.38	35.05
	04		0.69	17.45	0.88	22.23											1.50	38.10
	05		0.81	20.62	1.00	25.40											1.63	41.40
	06		0.94	23.80	1.13	28.58											1.75	44.45
	07		1.06	26.97	1.25	31.75											1.88	47.75

Connector Group - N

Straight



NOTE: * For more cable entry and length options, contact factory

TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX					
				INCH	MM	INCH	MM				
08	01	1	8	0.06	1.57	0.13	3.18	1.53	38.86	0.78	19.81
		2						2.53	64.26		
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
10	01	1	10	0.06	1.57	0.13	3.18	1.53	38.86	0.78	19.81
		2						2.53	64.26		
	02	1		0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
	03	1		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
12	01	1	12	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
	03	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
14	01	1	14	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
		3						3.53	89.66		

Table Continued

Connector Group - N

Straight

TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX				INCH	
				INCH	MM	INCH	MM				
14	02	1	14	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
	03	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
	04	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
16	01	1	16	0.13	3.18	0.25	6.35	1.53	38.86	0.97	24.64
		2						2.53	64.26		
		3						3.53	89.66		
	02	1		0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
	03	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
	04	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
	05	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
18	01	1	18	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
	02	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
	03	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
	04	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
	05	1		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2						2.53	64.26		
		3						3.53	89.66		

Table Continued



Connector Group - N

Straight

TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
20	01	1	20	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	02	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	03	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	04	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	05	1		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	06	1		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
22	01	1	22	0.25	6.35	0.38	9.53	1.53	38.86	1.06	26.92
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	02	1		0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	03	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		

Table Continued



Connector Group - N

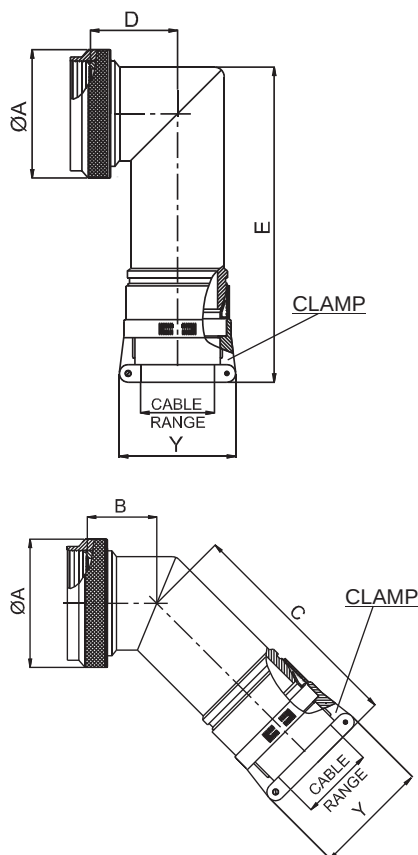
Straight

TABLE - A											
AMPHENOL PART NUMBER DESIGNATOR			CONNECTOR SHELL SIZE	CABLE RANGE				L (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE	LENGTH		MIN		MAX		INCH	MM	INCH	MM
				INCH	MM	INCH	MM				
22	04	1	22	0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	05	1		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	06	1		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	07	1		0.94	23.80	1.13	28.58	1.53	38.86	1.75	44.45
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
24	01	1	24	0.31	7.92	0.50	12.70	1.53	38.86	1.16	29.46
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	02	1		0.44	11.10	0.63	15.88	1.53	38.86	1.25	31.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	03	1		0.56	14.27	0.75	19.05	1.53	38.86	1.38	35.05
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	04	1		0.69	17.45	0.88	22.23	1.53	38.86	1.50	38.10
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	05	1		0.81	20.62	1.00	25.40	1.53	38.86	1.63	41.40
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	06	1		0.94	23.80	1.13	28.58	1.53	38.86	1.75	44.45
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		
	07	1		1.06	26.97	1.25	31.75	1.53	38.86	1.88	47.75
		2						2.53	64.26		
		3						3.53	89.66		
		4						4.53	115.06		



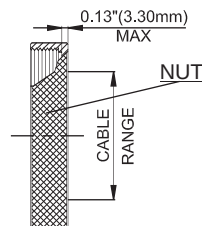
Connector Group - N

90°, 45°



Amphenol Part Number

BM1 X X N 99 99 9 X X
 Series ————
 Angle ————
 A: 90deg
 B: 45deg
 Coupling ————
 R: spin
 Connector group ————
 Finish: see Table-2
 End clamp
 C: clamp
 N: nut
 Length
 9: Not applicable
 Entry size
 See Table-B
 Shell size
 See Table-B



NOTE: * For more cable entry options, contact factory

TABLE - B

AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
			MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
08	01	8	0.06	1.57	0.13	3.18	0.75	19.05	0.46	11.68	3.15	80.01	0.69	17.53	3.46	87.88	0.78	19.81
	02		0.13	3.18	0.25	6.35											0.97	24.64
10	01	10	0.06	1.57	0.13	3.18	0.85	21.59	0.52	13.21	3.21	81.53	0.78	19.81	3.58	90.93	0.78	19.81
	02		0.13	3.18	0.25	6.35											0.97	24.64
	03		0.25	6.35	0.38	9.53											1.06	26.92
12	01	12	0.13	3.18	0.25	6.35	1.00	25.40	0.58	14.73	3.27	83.06	0.80	20.32	3.60	91.44	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
14	01	14	0.13	3.18	0.25	6.35	1.15	29.21	0.65	16.51	3.36	85.34	0.88	22.35	3.67	93.22	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
	04		0.44	11.10	0.63	15.88											1.25	31.75

Table Continued

Connector Group - N

90°, 45°

TABLE - B																		
AMPHENOL PART NUMBER DESIGNATOR		CONNECTOR SHELL SIZE	CABLE RANGE				A DIA. (MAX)		B (MAX)		C (MAX)		D (MAX)		E (MAX)		Y (MAX)	
SHELL SIZE	ENTRY SIZE		MIN		MAX		INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM	INCH	MM
			INCH	MM	INCH	MM												
16	01	16	0.13	3.18	0.25	6.35	1.25	31.75	0.74	18.80	3.47	88.14	0.93	23.62	3.76	95.50	0.97	24.64
	02		0.25	6.35	0.38	9.53											1.06	26.92
	03		0.31	7.92	0.50	12.70											1.16	29.46
	04		0.44	11.10	0.63	15.88											1.25	31.75
	05		0.56	14.27	0.75	19.05											1.38	35.05
18	01	18	0.25	6.35	0.38	9.53	1.40	35.56	0.93	23.62	3.66	92.96	1.01	25.65	3.93	99.82	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
20	01	20	0.25	6.35	0.38	9.53	1.55	39.37	0.93	23.62	3.66	92.96	1.06	26.92	3.93	99.82	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.63	41.40
22	01	22	0.25	6.35	0.38	9.53	1.65	41.91	1.02	25.91	3.81	96.77	1.17	29.72	4.04	102.62	1.06	26.92
	02		0.31	7.92	0.50	12.70											1.16	29.46
	03		0.44	11.10	0.63	15.88											1.25	31.75
	04		0.56	14.27	0.75	19.05											1.38	35.05
	05		0.69	17.45	0.88	22.23											1.50	38.10
	06		0.81	20.62	1.00	25.40											1.63	41.40
	07		0.94	23.80	1.13	28.58											1.75	44.45
24	01	24	0.31	7.92	0.50	12.70	1.85	46.99	1.02	25.91	3.81	96.77	1.18	29.97	4.04	102.62	1.16	29.46
	02		0.44	11.10	0.63	15.88											1.25	31.75
	03		0.56	14.27	0.75	19.05											1.38	35.05
	04		0.69	17.45	0.88	22.23											1.50	38.10
	05		0.81	20.62	1.00	25.40											1.63	41.40
	06		0.94	23.80	1.13	28.58											1.75	44.45
	07		1.06	26.97	1.25	31.75											1.88	47.75

Mouser Electronics

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