TINEL LOCK RING ③

CODE 40 - TINEL-LOCK BACKSHELL
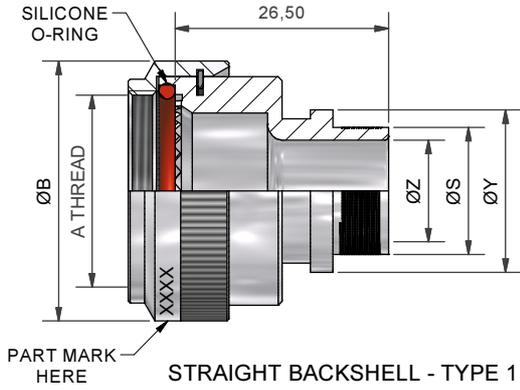
TXR40AB00-1608AI-S

SERIES
   TXR: RING INCLUDED
       (SEE RING OPTION)
   TX: RING NOT INCLUDED
CONNECTOR INTERFACE
MATERIAL
   REFER TO CH00-0250-008
FINISH
   REFER TO CH00-0250-008
ANGLE
DASH NUMBER (TABLE 1)
ENTRY SIZE (TABLE 2)
RING OPTION
   AI - TO SUIT SINGLE BRAID
   BI - TO SUIT DOUBLE BRAID
   FOR TX, LEAVE BLANK
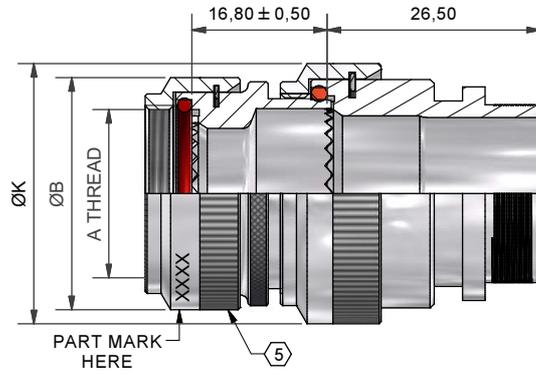MODIFICATION CODE
   REFER TO CH00-0250-008 ②

NOTES:

1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND
   A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.

② FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATIONS,
   SEE CH00-0250-008.

③ SEE DRAWING TR FOR DETAIL ON TINEL-LOCK RING, RINGS ARE DESIGNED
   TO BE HEATED ELECTRICALLY, ALL RINGS ARE MARKED WITH THERMOCHROMIC
   PAINT WHICH CHANGES COLOUR WHEN INSTALLATION TEMPERATURE IS REACHED.

4. BACKSHELL TO BE PERMANENTLY MARKED/BAGGED AND LABELLED WITH CODE
   IDENTIFICATION NUMBER AND PART NUMBER LESS RING DESIGNATOR. (e.g. 06090-TXR40AB00-1206).
   RING SHALL BEAR NO MARKING.

⑤ FOR LARGER ENTRY SIZES, A 2 PIECE BACKSHELL ASSEMBLY (TYPE 2) IS SUPPLIED.

6. BACKSHELL MATES TO MIL-DTL-38999, SERIES III AND IV, CLASS C, F, K, AND W,
   D38999/20, /24, /26, /40, /46 AND /47 CONNECTORS, AND WHEN SO
   MATED SHALL PROVIDE A WATER-TIGHT SEAL MEETING THE REQUIREMENTS OF
   MIL-C-85049, PARA. 3. 5. 7.

⑦ THESE DIMENSIONS APPLY IF A SELF-LOCKING COUPLING NUT IS USED.

IF MAX ENTRY IS EXCEEDED BACKSHELL
WILL BE SUPPLIED AS TYPE 2

SILICONE
O-RING

26,50

16,80 ± 0,50   26,50

ØB
A THREAD
ØZ
ØS
ØY

ØK
ØB
A THREAD

PART MARK
HERE

PART MARK
HERE

5

STRAIGHT BACKSHELL - TYPE 1

STRAIGHT BACKSHELL - TYPE 2

C

D

16,80 ± 0,50   F

G

45° BACKSHELL - TYPE 1

45° BACKSHELL - TYPE 2

W

T

E

16,80 ± 0,50   H

M

J
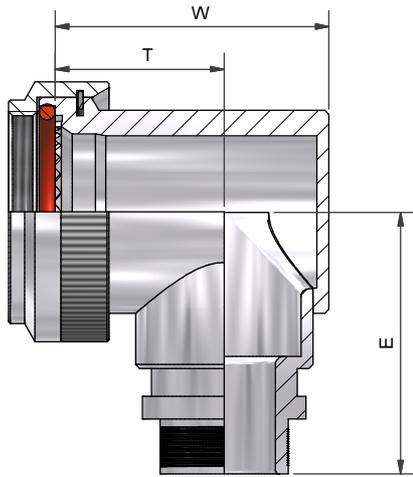
90° BACKSHELL - TYPE 1

90° BACKSHELL - TYPE 2

W

T

E

16,80 ± 0,50   H

M

J
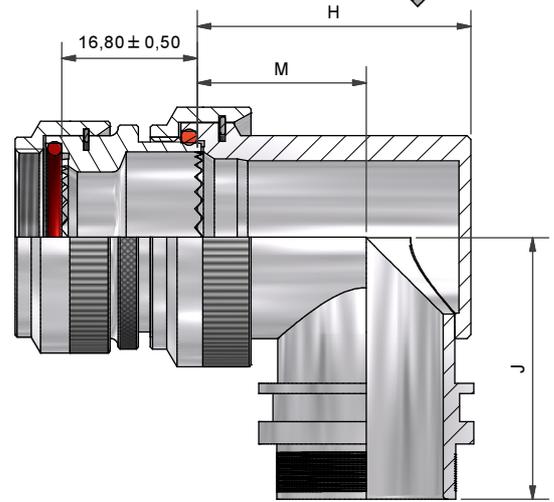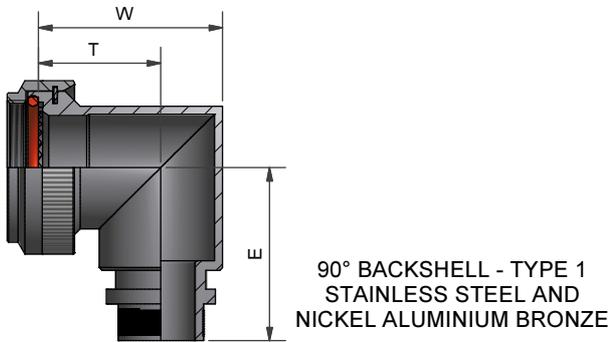
90° BACKSHELL - TYPE 1
STAINLESS STEEL AND
NICKEL ALUMINIUM BRONZE
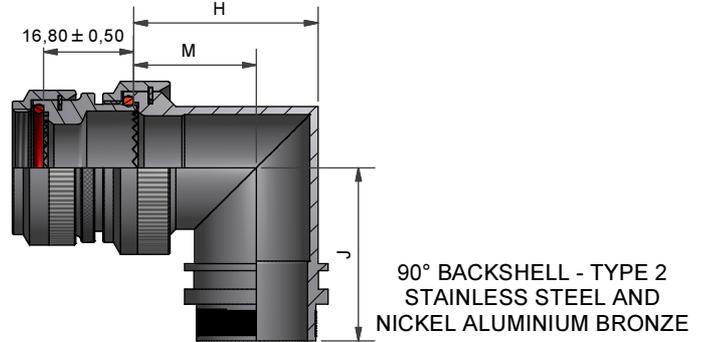
90° BACKSHELL - TYPE 2
STAINLESS STEEL AND
NICKEL ALUMINIUM BRONZE

DRAWN	K.WINCZURA	DATE 04/12/2014	3RD ANGLE PROJECTION NOT TO SCALE	TITLE:
CHECKED		04/12/2014		
APPROVED	K.SHEPPARD	04/12/2014	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°	
APPROVED	H.SMITH	15/06/2015		

TINEL-LOCK BACKSHELL

ASSY USED ON:

MIL-DTL-38999 SERIES III & IV

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
J	REVISED PER ECO-12-021161	12.04.12	G.WELLS
K	REVISED PER ECO-15-002200	11.02.15	H.SMITH

TE CAGE CODE: 06090
POLAMCO/TE CAGE CODE: U5792

TE CONNECTIVITY - POLAMCO LTD RESERVES THE RIGHT TO AMEND THIS DRAWING
AND THE INFORMATION SET FORTH HEREON AT ANY TIME. USERS SHOULD
INDEPENDENTLY EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.
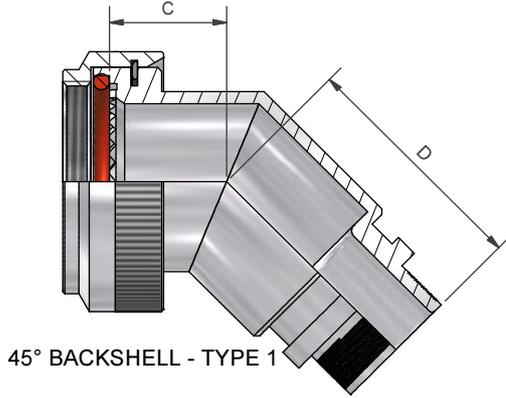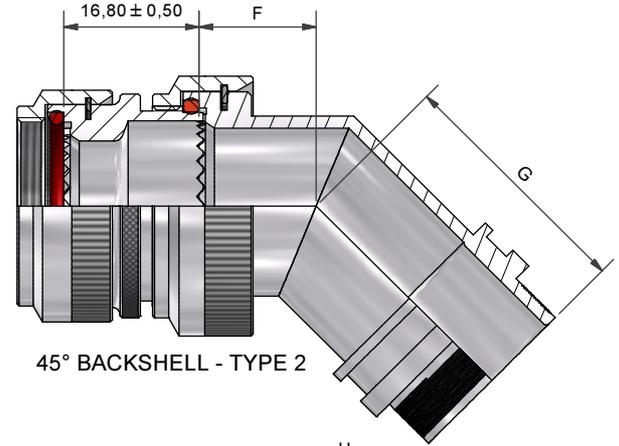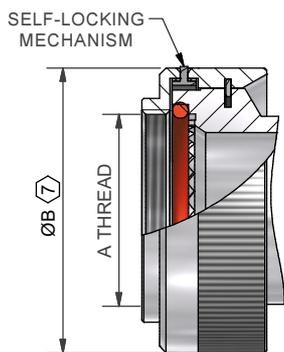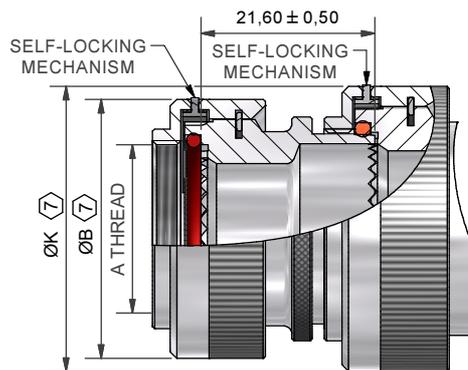
DRAWING NO:	DRAWING REV:	SHT
TXR40	K	2

Polamco

TE connectivity

MODIFICATION S
(SELF-LOCKING COUPLING NUT)

BACKSHELL - TYPE 1

BACKSHELL - TYPE 2

TABLE 1

ORDER NO.	SHELL SIZE COM'L / MIL	A THREAD	ØB MAX	ØB MAX 〈7〉	MAX ENTRY	C ±0,5	D ±0,5	W ±0,5	T ±0,5	E ±0,5	THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE		
											W ±0,5	T ±0,5	E ±0,5
08	9 / A	M12 × 1.0	18,0	21,5	04	12,0	26,8	21,0	14,0	26,20	21,2	16,3	26,4
10	11 / B	M15 × 1.0	21,0	24,6	07	12,5	27,5	24,0	15,5	27,95	24,3	17,2	28,2
12	13 / C	M18 × 1.0	24,5	28,3	08	13,1	28,0	27,0	17,0	29,45	28,3	19,4	29,7
14	15 / D	M22 × 1.0	29,0	32,4	10	13,5	29,0	31,0	19,5	31,00	31,1	21,0	31,2
16	17 / E	M25 × 1.0	32,5	35,6	12	14,5	29,7	34,0	21,0	32,70	34,2	22,8	32,9
18	19 / F	M28 × 1.0	35,5	38,5	14	15,5	30,5	35,0	20,0	34,25	38,5	25,3	34,5
20	21 / G	M31 × 1.0	37,0	41,7	16	16,1	30,9	38,0	21,5	35,80	40,7	26,1	36,1
22	23 / H	M34 × 1.0	40,0	43,9	18	16,5	31,1	42,0	24,0	37,40	43,7	27,6	37,6
24	25 / J	M37 × 1.0	43,5	47,0	20	17,0	32,1	45,0	25,5	38,90	46,4	29,1	39,1

TABLE 2

ENTRY SIZE	ØZ MIN	ØS	ØY ± 0,3	ØK MAX	ØK MAX 〈7〉	F ±0,5	G ±0,5	H ±0,5	M ±0,5	J ±0,5	THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE		
											H ±0,5	M ±0,5	J ±0,5
04	6,35	9,49 +/-0,04	14,00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
05	7,92	11,06 +/-0,04	15,50	21,0	24,6	12,5	27,5	24,0	15,5	27,95	24,3	17,2	28,2
06	9,53	12,66 +/-0,04	17,10	21,0	24,6	12,5	27,5	24,0	15,5	27,95	24,3	17,2	28,2
07	11,10	14,21 +/-0,07	18,70	21,0	24,6	12,5	27,5	24,0	15,5	27,95	24,3	17,2	28,2
08	12,70	15,81 +/-0,07	20,30	24,5	28,3	13,1	28,0	27,0	17,0	29,45	28,3	19,4	29,7
10	15,88	18,96 +/-0,08	23,50	29,0	32,4	13,5	29,0	31,0	19,5	31,00	31,1	21,0	31,2
12	19,05	22,14 +/-0,08	26,70	32,5	35,6	14,5	29,7	34,0	21,0	32,70	34,2	22,8	32,9
14	22,23	25,30 +/-0,08	29,80	35,5	38,5	15,5	30,5	35,0	20,0	34,25	38,5	25,3	34,5
16	25,40	28,48 +/-0,08	33,00	37,0	41,7	16,1	30,9	38,0	21,5	35,80	40,7	26,1	36,1
18	28,58	31,65 +/-0,08	36,20	40,0	43,9	16,5	31,1	42,0	24,0	37,40	43,7	27,6	37,6
20	31,75	34,83 +/-0,08	39,40	43,5	47,0	17,0	32,1	45,0	25,5	38,90	46,4	29,1	39,1
22	34,93	37,98 +/-0,08	42,50	48,5	50,0	18,5	35,3	54,5	31,0	42,00	50,0	31,0	42,0
24	38,10	41,15 +/-0,08	45,70	52,1	56,0	21,9	38,1	58,0	33,0	46,00	53,5	33,0	46,0

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TXR40AB00-0804AI   TXR40AB00-0805AI   TXR40AB00-1004AI   TXR40AB00-1005AI   TXR40AB00-1006AI
TXR40AB00-1007AI   TXR40AB00-1206BI   TXR40AB00-1208AI   TXR40AB00-1208BI   TXR40AB00-1212AI
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