ANTI-ROTATIONAL
SET SCREW
⟨7⟩

TINEL LOCK RING ⟨3⟩

CODE 21 - TINEL-LOCK BACKSHELL

TXR21AB00-1608AI-

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⟩
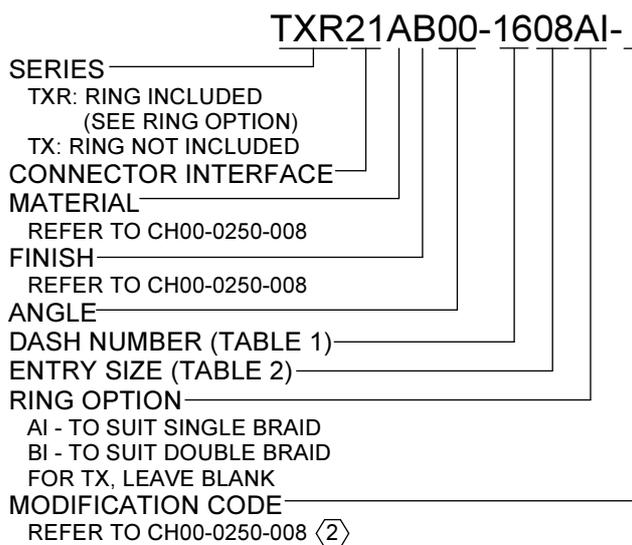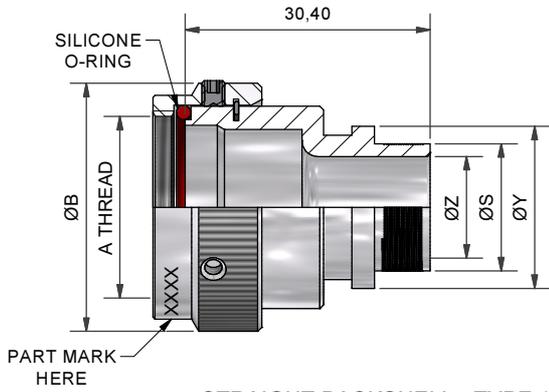
NOTES:

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-TXR21AB00-1406).
   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-26482 SERIES I, MS3110, MS3116, MS3120, MS3126
   CLASS E AND F CONNECTORS.

⟨7⟩ ANTI-ROTATIONAL SET SCREW, 3 THREADED HOLES 120° ± 5° APART, SINGLE
   MATING SET SCREW SUPPLIED.

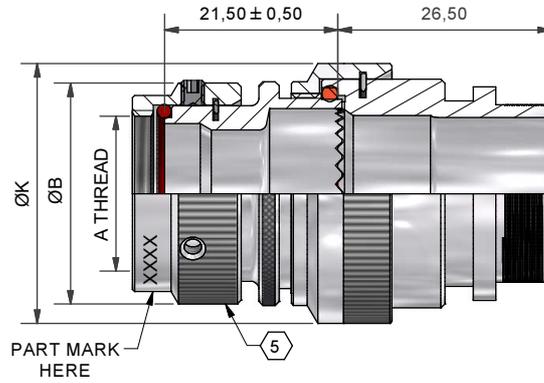| DRAWN	K.WINCZURA	DATE 04/12/2014	3RD ANGLE PROJECTION NOT TO SCALE	TITLE:
CHECKED		04/12/2014		**TINEL-LOCK BACKSHELL**
APPROVED	K.SHEPPARD	08/12/2014	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°	
APPROVED	H.SMITH	13/07/2015		ASSY USED ON:

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
H	REVISED PER ECO-15-002324	17/02/2015	H.SMITH
J	REVISED PER ECO-15-010170	13/07/2015	H.SMITH

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

MIL-DTL-26482 SERIES I

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.
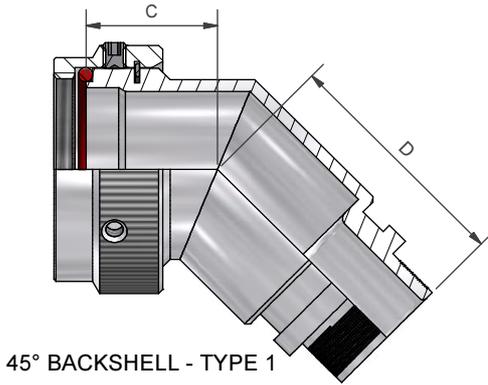
DRAWING NO: TXR21	DRAWING REV: J	SHT 1

Polamco

TE connectivity

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

SILICONE
O-RING

30,40

21,50 ± 0,50   26,50

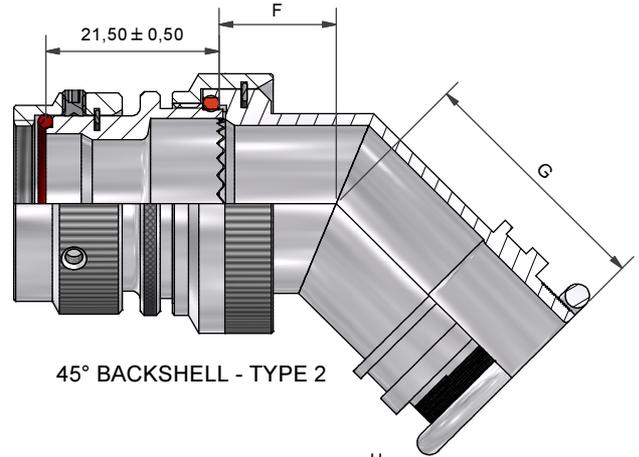ØB
A THREAD
ØZ
ØS
ØY

ØK
ØB
A THREAD

PART MARK
HERE

PART MARK
HERE

5

STRAIGHT BACKSHELL - TYPE 1

STRAIGHT BACKSHELL - TYPE 2

C

D

21,50 ± 0,50   F

G

45° BACKSHELL - TYPE 1

45° BACKSHELL - TYPE 2

W
T

E

21,50 ± 0,50
H
M

J
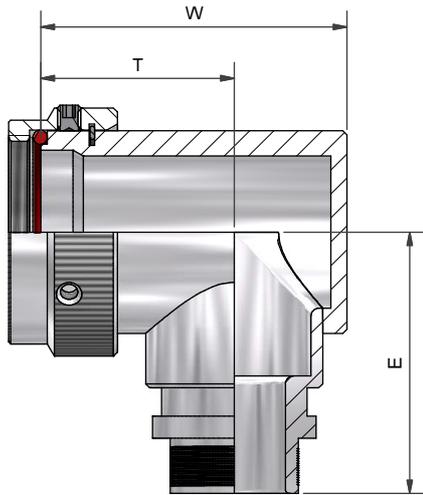
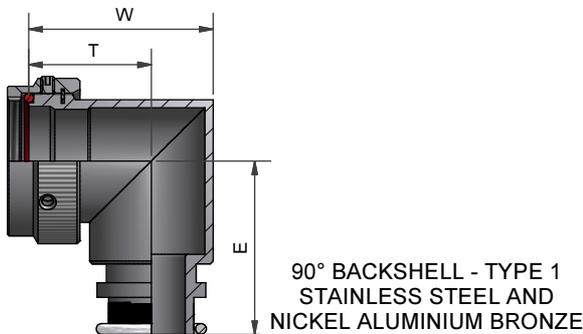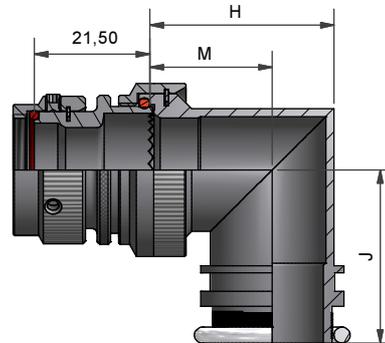90° BACKSHELL - TYPE 1

90° BACKSHELL - TYPE 2

W
T

E

21,50
H
M

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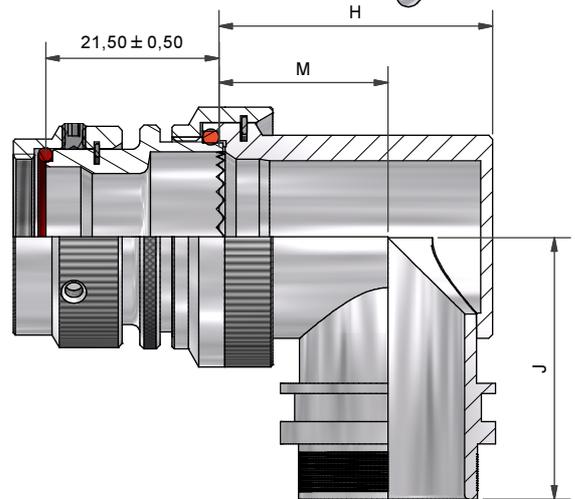
90° BACKSHELL - TYPE 1
STAINLESS STEEL AND
NICKEL ALUMINIUM BRONZE

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

DRAWN	K.WINCZURA	DATE 04/12/2014		3RD ANGLE PROJECTION NOT TO SCALE
CHECKED		04/12/2014		
APPROVED	K.SHEPPARD	08/12/2014		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°
APPROVED	H.SMITH	13/07/2015		

TITLE:

TINEL-LOCK BACKSHELL

ASSY USED ON:

MIL-DTL-26482 SERIES I

Polamco

TE connectivity

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
H	REVISED PER ECO-15-002324	17/02/2015	H.SMITH
J	REVISED PER ECO-15-010170	13/07/2015	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: TXR21	DRAWING REV: J	SHT 2

TABLE 1

ORDER NUMBER	SHELL SIZE	A THREAD	ØB MAX	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	08	7/16-28UNEF	18,05	04	13,9	26,8	25,0	17,5	26,20	22,5	17,5	26,4
10	10	9/16-24UNEF	21,55	06	14,7	27,5	28,0	18,6	27,95	25,8	18,6	28,2
12	12	11/16-24UNEF	24,65	08	15,1	28,0	31,5	20,5	29,45	29,5	20,5	29,7
14	14	13/16-20UNEF	27,65	10	16,0	29,0	35,0	22,5	31,00	32,7	22,5	31,2
16	16	15/16-20UNEF	31,05	12	16,3	29,7	38,0	24,0	32,70	35,5	24,0	32,9
18	18	1 1/16-18UNEF	34,35	12	17,3	30,5	41,5	26,0	34,25	39,3	26,0	34,5
20	20	1 3/16-18UNEF	37,55	14	18,1	30,9	45,0	28,0	35,80	42,7	28,0	36,1
22	22	1 5/16-18UNEF	40,55	16	18,5	31,1	48,0	29,5	37,40	45,7	29,5	37,6
24	24	1 7/16-18UNEF	43,55	18	19,3	32,1	51,0	31,0	38,90	48,4	31,0	39,1

TABLE 2

ENTRY SIZE	ØZ MIN	ØS	ØY ± 0,3	ØK MAX	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
05	7,92	11,06 +/-0,04	15,50	21,0	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	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	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	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	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	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	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	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	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	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	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	21,9	38,1	58,0	33,0	46,00	53,5	33,0	46,0

DRAWN	K.WINCZURA	DATE 04/12/2014	3RD ANGLE PROJECTION NOT TO SCALE
CHECKED		04/12/2014	
APPROVED	K.SHEPPARD	08/12/2014	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0,25MM ANGULAR +/- 1°
APPROVED	H.SMITH	13/07/2015	

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
H	REVISED PER ECO-15-002324	17/02/2015	H.SMITH
J	REVISED PER ECO-15-010170	13/07/2015	H.SMITH

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

TITLE:

TINEL-LOCK BACKSHELL

ASSY USED ON:

MIL-DTL-26482 SERIES I

Polamco

TE connectivity

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: TXR21	DRAWING REV: J	SHT 3

Mouser Electronics

Authorized Distributor

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

TE Connectivity:

TXR21AB00-1005AI TXR21AB00-1006BI TXR21AB00-1208BI TXR21AB00-1405AI TXR21AB00-1605AI
TXR21AB90-0804AI TXR21AB90-0804BI TXR21AB90-1005AI TXR21AB90-1208BI TXR21AB00-2212AI
TXR21AB00-0804AI TXR21AB90-2010AI TXR21AB00-1610AI TXR21AC00-0804AI TXR21AC00-1610AI
TXR21AB00-1812AI TXR21AB90-1605AI TXR21AB00-1408AI TXR21AB00-1208AI TXR21AB00-2012AI
TXR21AB00-2214AI TXR21AB00-2414AI TXR21AB00-1205AI TXR21AB00-2010AI TXR21AB00-1206AI
TXR21AB00-1808AI-CS8390 TXR21AB00-1207AI TXR21AB00-1010AI TXR21AB00-1404AI TXR21AB00-1406AI
TXR21AB00-1407AI TXR21AB00-1410AI TXR21AB00-1808AI TXR21AB00-1810AI TXR21AB00-2210AI
TXR21AB00-2216AI TXR21AB00-2412AI TXR21AB90-1206AI TXR21AB90-1407AI TXR21AB00-0807AI
TXR21AB00-1607AI TXR21AB00-2008AI TXR21AB00-2416AI TXR21AB90-1006AI TXR21AB90-1406AI
TXR21AB90-1606AI TXR21AB00-0805AI TXR21AB00-1006AI2 TXR21AB00-1412AI TXR21AB00-2208AI
TXR21AB00-2214BI TXR21AB90-1408BI TXR21AB00-1008AI TXR21AB00-2218AI TXR21AB00-0806AI
TXR21AB00-1210AI TXR21AB00-1612AI TXR21AB00-2012BI TXR21AB00-2408AI TXR21AB90-1608AI
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TXR21AB90-2212AI TXR21AB00-2212BI TXR21AB00-1204AI TXR21AB90-1208AI TXR21AB00-2004AI
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TXR21AZ00-1004AI TXR21AB90-2210AIJ TXR21AB00-0808AI2-CS2472 TXR21AB00-1408AI2 TXR21AB90-2210AI
TXR21AZ90-0804AI TXR21SJ90-0804BI TXR21AB00-2014BI TXR21AB90-2212BI TXR21AB00-2206AI
TXR21AB00-1818AI TXR21AB00-2418AI TXR21AB00-2016AI TXR21AC90-1006AI TXR21AB00-2216CI
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