



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)

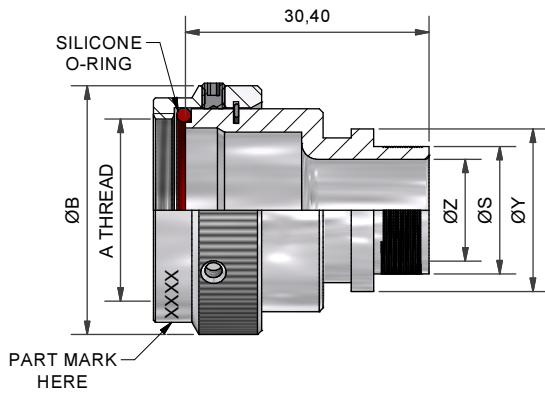
NOTES:

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 $120^\circ \pm 5^\circ$ APART, SINGLE MATING SET SCREW SUPPLIED.

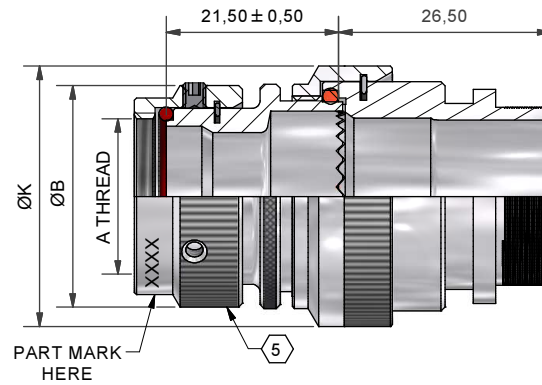
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DRAWN	K.WINCZURA	DATE	04/12/2014	 3RD ANGLE PROJECTION NOT TO SCALE	TITLE: TINEL-LOCK BACKSHELL		 Polamco TE connectivity
CHECKED		04/12/2014					
APPROVED	K.SHEPPARD	08/12/2014	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°		ASSY USED ON: MIL-DTL-26482 SERIES I		
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					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
					TXR21	J	1

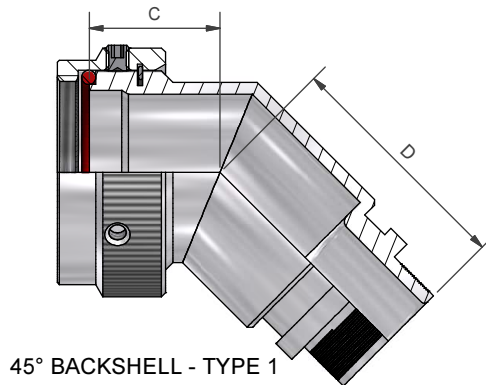
IF MAX ENTRY IS EXCEEDED BACKSHELL
WILL BE SUPPLIED AS TYPE 2



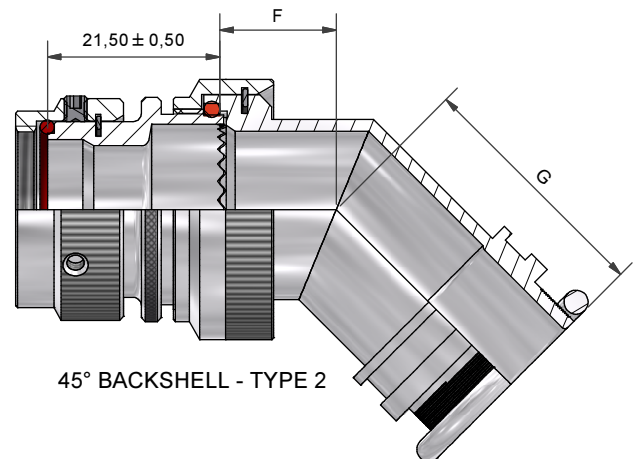
STRAIGHT BACKSHELL - TYPE 1



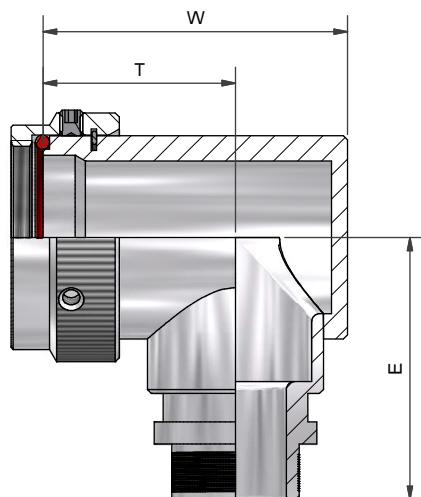
STRAIGHT BACKSHELL - TYPE 2



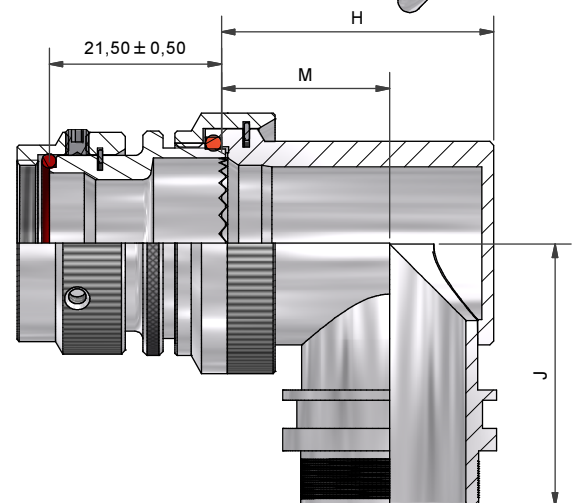
45° BACKSHELL - TYPE 1



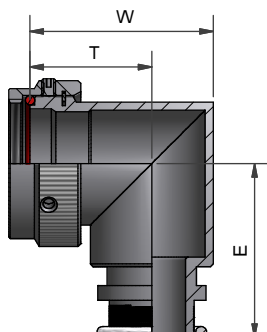
45° BACKSHELL - TYPE 2



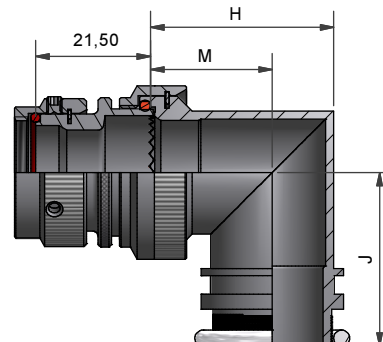
90° BACKSHELL - TYPE 1



90° BACKSHELL - TYPE 2



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



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

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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		
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 J



Polamco



TE
connectivity

DRAWING NO:	DRAWING REV:	SHT
TXR21	J	2

TABLE 1

										THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE		
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	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

										THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE		
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	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

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TE Connectivity:

<u>TXR21AC00-1610AI</u>	<u>TXR21AB00-1010AI</u>	<u>TXR21AB00-1404AI</u>	<u>TXR21AB00-1406AI</u>	<u>TXR21AB00-1407AI</u>
<u>TXR21AB00-1410AI</u>	<u>TXR21AB00-1808AI</u>	<u>TXR21AB00-1810AI</u>	<u>TXR21AB00-2210AI</u>	<u>TXR21AB00-2216AI</u>
<u>TXR21AB00-2412AI</u>	<u>TXR21AB90-1206AI</u>	<u>TXR21AB90-1407AI</u>	<u>TXR21AB00-0807AI</u>	<u>TXR21AB00-1607AI</u>
<u>TXR21AB00-2008AI</u>	<u>TXR21AB00-2416AI</u>	<u>TXR21AB90-1006AI</u>	<u>TXR21AB90-1406AI</u>	<u>TXR21AB90-1606AI</u>
<u>TXR21AB00-0805AI</u>	<u>TXR21AB00-1006AI2</u>	<u>TXR21AB00-1412AI</u>	<u>TXR21AB00-2208AI</u>	<u>TXR21AB00-2214BI</u>
<u>TXR21AB90-1408BI</u>	<u>TXR21AB00-1008AI</u>	<u>TXR21AB00-2218AI</u>	<u>TXR21AB00-0806AI</u>	<u>TXR21AB00-1210AI</u>
<u>TXR21AB00-1612AI</u>	<u>TXR21AB00-2012BI</u>	<u>TXR21AB00-2408AI</u>	<u>TXR21AB90-1608AI</u>	<u>TXR21AB90-1610AI</u>
<u>TXR21AB00-1004AI</u>	<u>TXR21AB00-1608AI</u>	<u>TXR21AB00-1614AI</u>	<u>TXR21AB00-2006AI</u>	<u>TXR21AB00-2014AI</u>
<u>TXR21AB90-0805AI</u>	<u>TXR21AB90-1004AI</u>	<u>TXR21AB90-1410AI</u>	<u>TXR21AB90-1614AI</u>	<u>TXR21AB90-2212AI</u>
<u>TXR21AB90-2008AI</u>	<u>TXR21AZ00-1004AI</u>	<u>TXR21AB90-2210AIJ</u>	<u>TXR21AB00-0808AI2-CS2472</u>	<u>TXR21AB00-1408AI2</u>
<u>TXR21AB90-2210AI</u>	<u>TXR21AZ90-0804AI</u>	<u>TXR21AB00-2014BI</u>	<u>TXR21AB90-2212BI</u>	<u>TXR21AB00-1818AI</u>
<u>TXR21AB00-2418AI</u>	<u>TXR21AB00-2016AI</u>	<u>TXR21AC90-1006AI</u>	<u>TXR21AB00-2216CI</u>	<u>TXR21AB00-1814BI</u>
<u>TXR21AB00-2014CI</u>	<u>TXR21AB00-1818BI</u>	<u>TXR21AB00-1816AI</u>	<u>TXR21AZ00-0804AI</u>	<u>TXR21AZ90-1007AI</u>
<u>TXR21AB00-1404BI</u>	<u>TXR21AB00-2420BI</u>	<u>TXR21AB90-1812BI</u>	<u>TXR21BB00-2216AI</u>	<u>TXR21AB00-2418BI</u>
<u>TXR21AB00-2218BI</u>	<u>TXR21AB00-0808AI</u>	<u>TXR21AB00-1820BI</u>	<u>TXR21AB00-2018BI</u>	<u>TXR21AB00-2210BI</u>
<u>TXR21AB00-1007AI</u>	<u>TXR21AB00-1806AI</u>	<u>TXR21AB00-2410AI</u>	<u>TXR21AB00-1807AI</u>	<u>TXR21AB00-2007AI</u>
<u>TXR21AB90-2216BI</u>	<u>TXR21AB90-2216AI</u>			