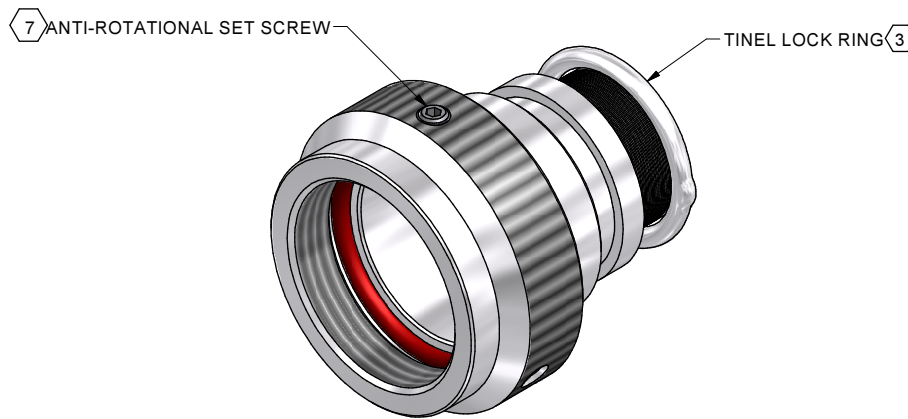




CODE 15 - TINEL-LOCK BACKSHELL

TXR15AB00-1608AI-

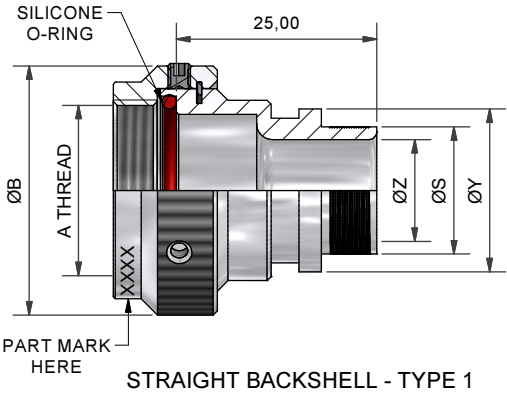
SERIES _____
 TXR: RING INCLUDED
 (SEE RING OPTION)
 TX: RING NOT INCLUDED
 CONNECTOR INTERFACE _____
 MATERIAL _____
 REFER TO CH00-0250-008
 FINISH _____
 REFER TO CH00-0250-008
 ANGLE _____
 DASH NUMBER (TABLE 1) _____
 ENTRY SIZE (TABLE 2) _____
 RING OPTION _____
 AI - TO SUIT SINGLE BRAID
 BI -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

NOTES:

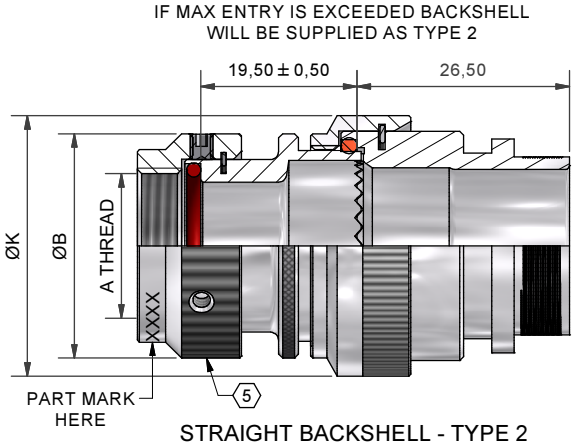
1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
- 2 FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATIONS, SEE CH00-0250-008.
- 3 SEE DRAWING TR FOR DETAIL ON TINEL-LOCK RING, RINGS ARE DESIGNED TO BE HEATED ELECTRICALLY, ALL 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-TXR15AB00-1206). RING SHALL BEAR NO MARKING.
- 5 IF MAX ENTRY IS EXCEEDED, A 2 PIECE BACKSHELL ASSEMBLY (TYPE 2) IS SUPPLIED.
6. BACKSHELL MATES TO MIL-C-5015, SOLDER CONTACT, MS3100, MS3101, MS3106, MS3107 AND MS3108 WITH ENDBELL.
- 7 ANTI-ROTATIONAL SET SCREW, THREE THREADED HOLES $120^\circ \pm 5^\circ$ APART, SINGLE MATING SET SCREW SUPPLIED.

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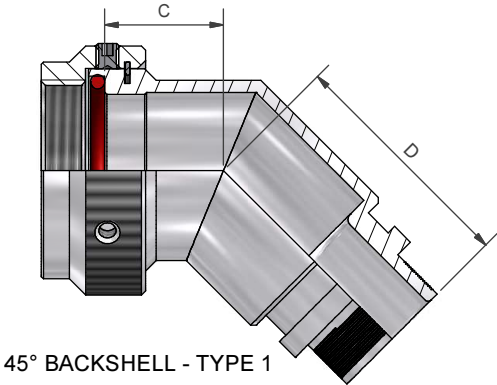
THIS DOCUMENT IS PRINTED & BECOMES UNCONTROLLED. CHECK FOR THE LATEST REVISION.					 3RD ANGLE PROJECTION NOT TO SCALE UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°		TITLE: TINEL-LOCK BACKSHELL ASSY USED ON: MIL-C-5015 MS "V" THREAD END BELLS		 Polamco	
DRAWN	K.WINCZURA	DATE	04/12/2014	 TE connectivity						
CHECKED		DATE	04/12/2014							
APPROVED	K.SHEPPARD	DATE	11/12/2014							
APPROVED	H.SMITH	DATE	07/07/2015							
REVISIONS										
LTR	DESCRIPTION		DATE	APPROVED						
D	REVISED PER ECO-15-002398		17/02/2015	H.SMITH						
E	REVISED PER ECO-15-009981		07/07/2015	H.SMITH						
TE CAGE CODE: 06090 POLAMCO/TE CAGE CODE: U15792					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: TXR15		DRAWING REV: E	
									SHT 1	



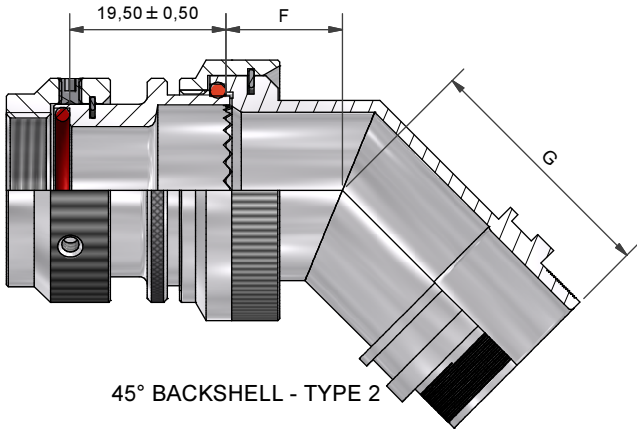
STRAIGHT BACKSHELL - TYPE 1



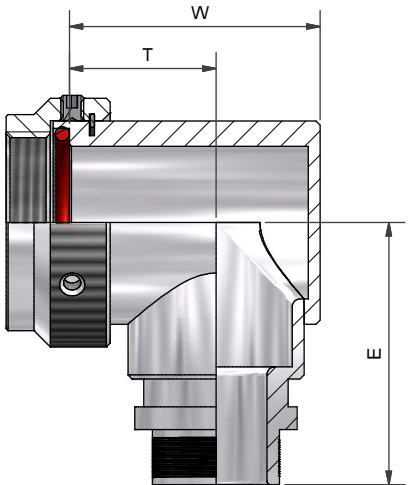
STRAIGHT BACKSHELL - TYPE 2



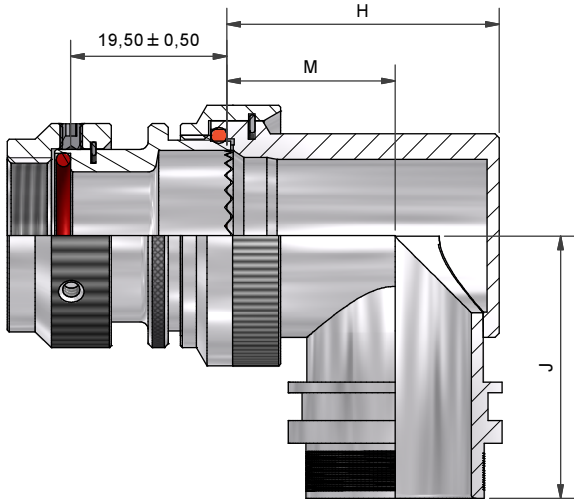
45° BACKSHELL - TYPE 1



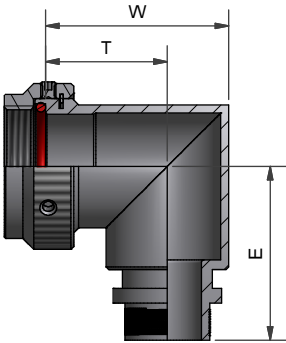
45° BACKSHELL - TYPE 2



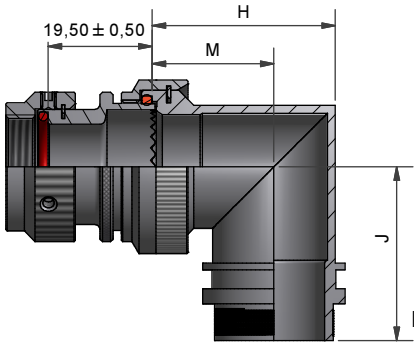
90° BACKSHELL - TYPE 1



90° BACKSHELL - TYPE 2



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



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

DRAWN	K.WINCZURA	DATE	04/12/2014
CHECKED		DATE	04/12/2014
APPROVED	K.SHEPPARD	DATE	11/12/2014
APPROVED	H.SMITH	DATE	07/07/2015
REVISIONS			
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D	REVISED PER ECO-15-002398	17/02/2015	H.SMITH
E	REVISED PER ECO-15-009981	07/07/2015	H.SMITH
TE CAGE CODE: 06090 POLAMCO/TE CAGE CODE: U5792			



3RD ANGLE
PROJECTION
NOT TO
SCALE

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS IN MILLIMETRES
GENERAL TOL
LINEAR +/-0,25MM
ANGULAR +/- 1°

TITLE:

TINEL-LOCK BACKSHELL

ASSY USED ON:

MIL-C-5015 MS "V" THREAD END BELLS

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INDEPENDENTLY EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.

DRAWING NO:
TXR15

DRAWING REV:
E

SHT
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
03	8S & 10S	1/2-28UNEF	21,5	05	12,6	27,5	21,7	13,0	28,0	22,2	13,0	28,2
04	10SL, 12 & 12S	5/8-24UNEF	25,0	07	14,0	28,0	24,9	14,4	29,5	25,4	14,4	29,7
06	14 & 14S	3/4-20UNEF	28,0	08	15,0	29,0	27,9	15,9	31,0	28,4	15,9	31,2
08	16 & 16S	7/8-20UNEF	31,1	10	15,6	29,7	31,3	18,3	32,7	31,8	18,3	32,9
10	18	1-20UNEF	35,0	12	16,3	30,5	34,3	19,3	34,3	34,8	19,3	34,3
12	20 & 22	1 3/16-18UNEF	39,0	16	17,2	30,9	40,4	22,9	35,8	40,9	22,9	36,1
16	24 & 28	1 7/16-18UNEF	45,2	20	17,9	32,1	44,0	24,0	38,9	44,5	24,0	39,1
20	32	1 3/4-18UNS	54,9	24	24,3	32,1	50,3	27,3	42,8	50,8	27,3	42,8
24	36	2-18UNS	62,0	24	26,9	29,3	57,8	31,1	46,8	58,3	31,1	46,8
28	40	2 1/4-16UN	68,6	24	31,8	30,7	64,4	34,5	51,0	64,9	34,5	51,0

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	NA	NA	NA	NA	NA	NA	NA	NA	NA
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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DRAWN	K.WINCZURA	DATE	04/12/2014	 3RD ANGLE PROJECTION NOT TO SCALE	TITLE:				 Polamco	
CHECKED		DATE	04/12/2014							TINEL-LOCK BACKSHELL
APPROVED	K.SHEPPARD	DATE	11/12/2014		ASSY USED ON:					
APPROVED	H.SMITH	DATE	07/07/2015							MIL-C-5015 MS "V" THREAD END BELLS
REVISIONS										
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D	REVISED PER ECO-15-002398	17/02/2015	H.SMITH							
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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: TXR15	DRAWING REV: E	SHT 3

Mouser Electronics

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