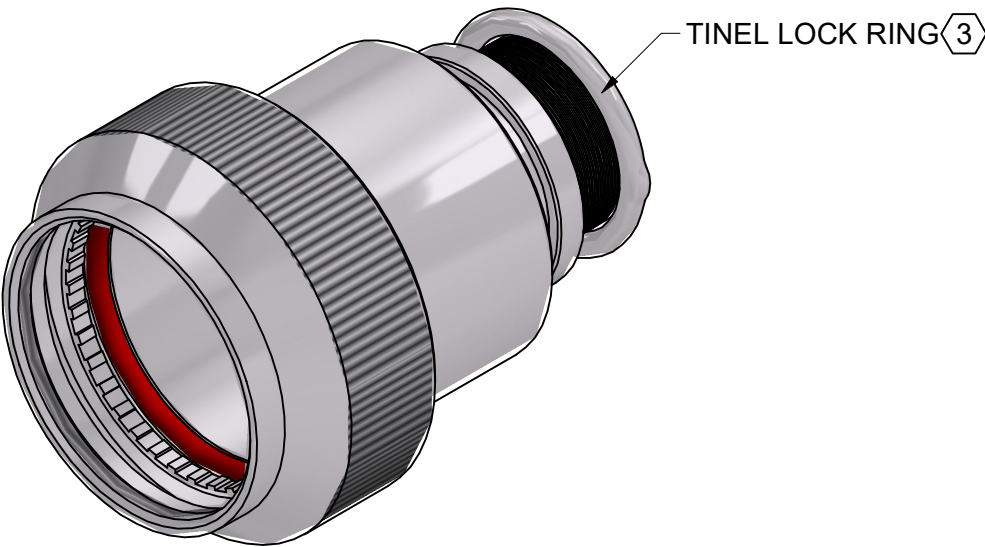




CODE 61 - TINEL-LOCK BACKSHELL

TXR61AB00-1608AI-S

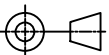
SERIES
TXR: RING INCLUDED
(SEE RING OPTION)
TX: RING NOT INCLUDED
CONNECTOR INTERFACE
MATERIAL
REFER TO CH00-0250-008
FINISH
REFER TO CH00-0250-008
ANGLE
ORDER NUMBER (TABLE 1)
ENTRY SIZE (TABLE 2)
RING OPTION
AI - TO SUIT SINGLE BRAID
BI - TO SUIT DOUBLE BRAID
FOR TX, LEAVE BLANK
MODIFICATION CODE
REFER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

2

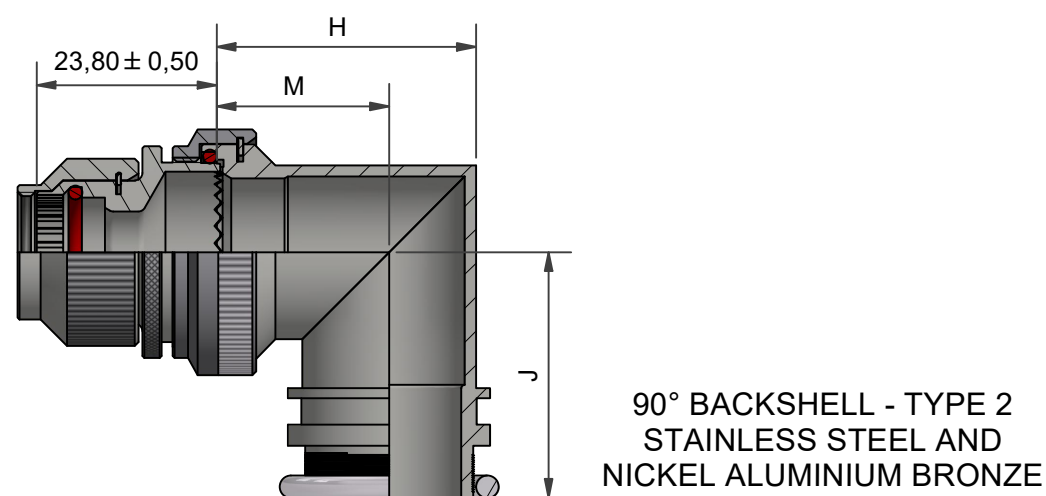
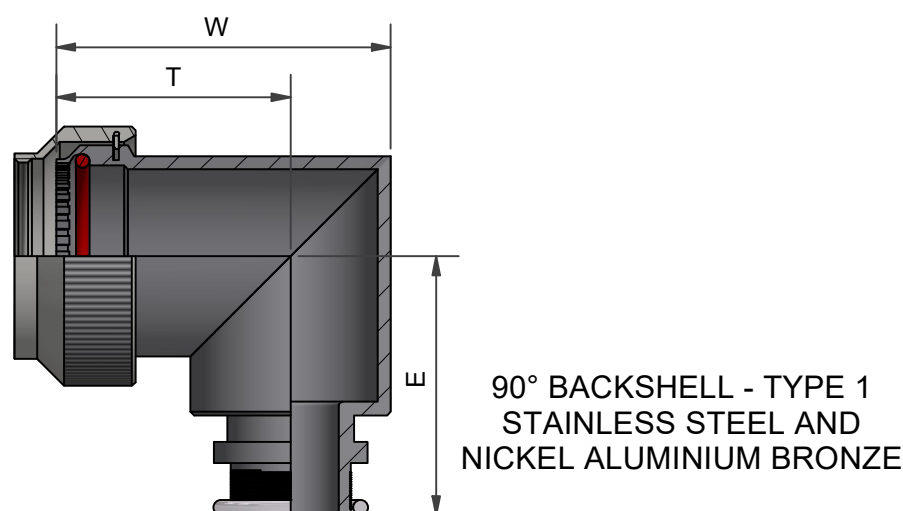
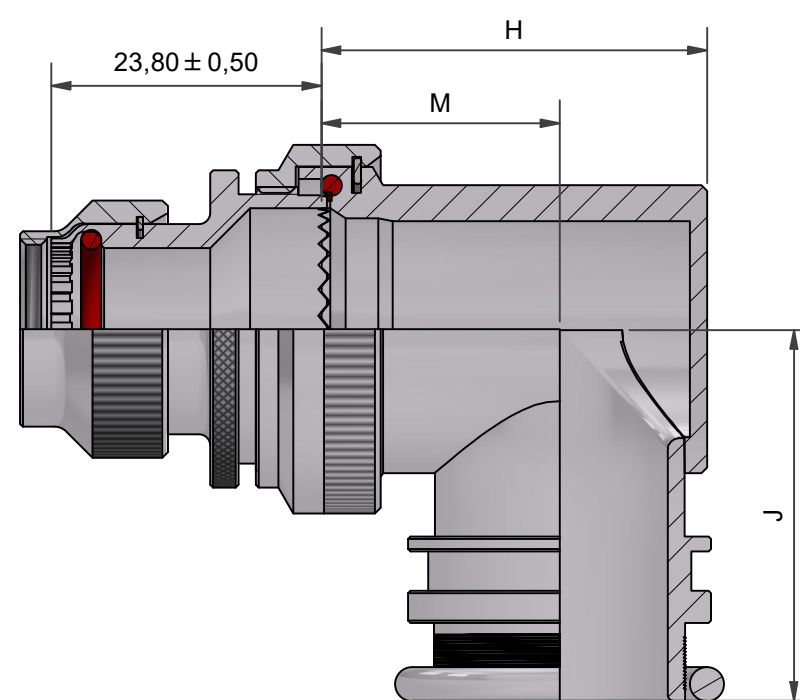
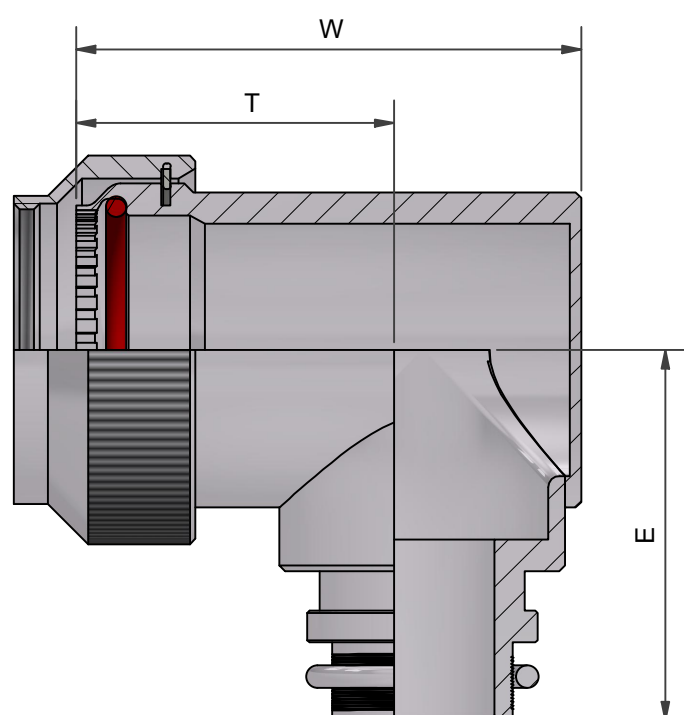
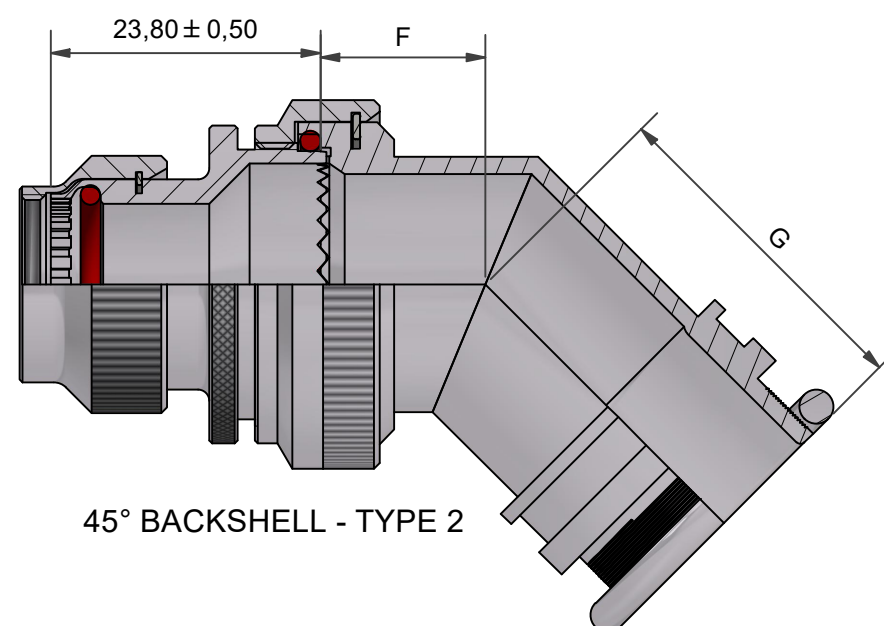
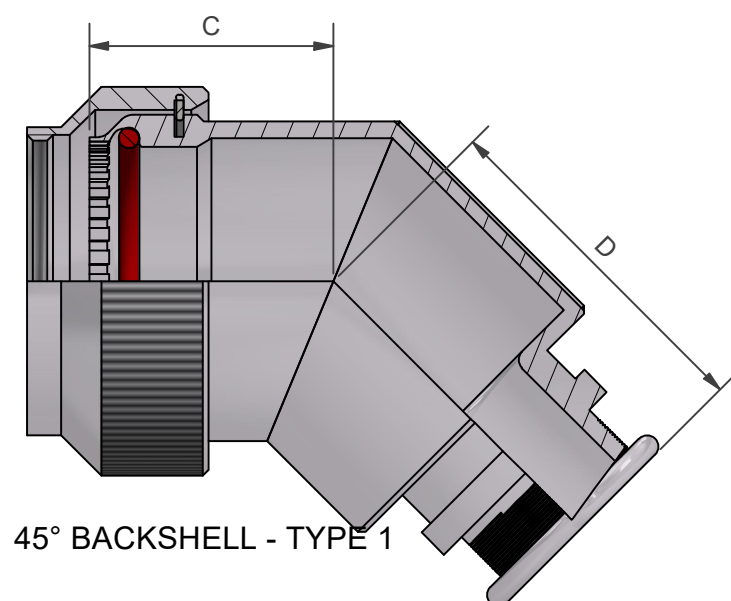
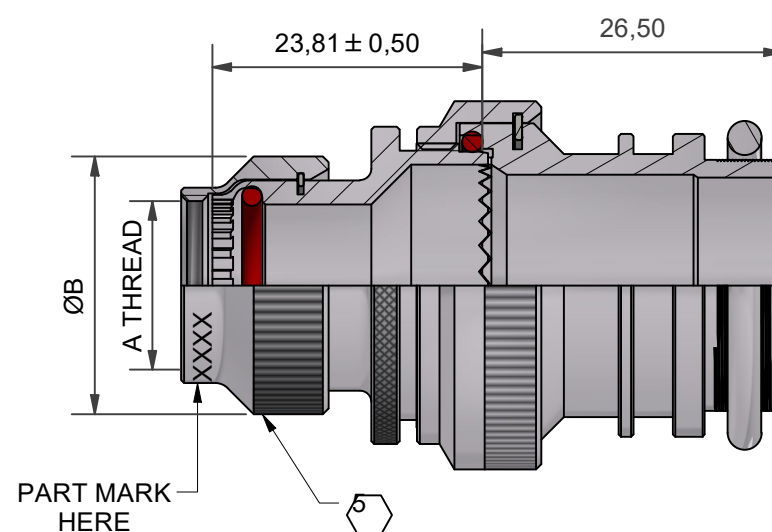
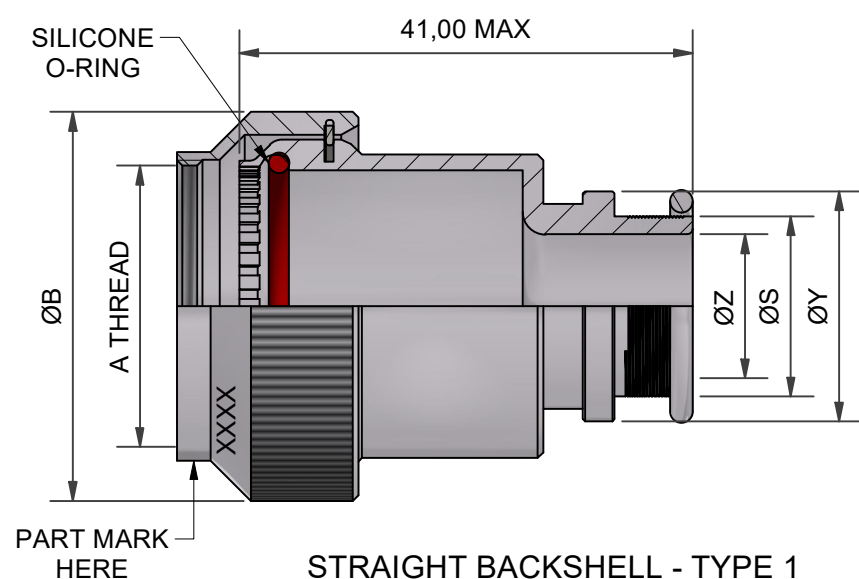
3

NOTES:

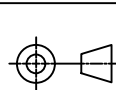
1. THIS PRODUCT IS DESIGNED TO TERMINATE A BRAIDED CABLE SHIELD AND A HEAT SHRINKABLE LIPPED BOOT TO A CONNECTOR.
- 2 FOR ADDITIONAL DIMENSIONS, ORDERING INFORMATION AND MODIFICATIONS, SEE CH00-0250-008.
- 3 SEE DRAWING TR FOR DETAIL ON TINEL-LOCK RING, RINGS ARE DESIGNED TO BE HEATED ELECTRICALLY, ALL 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-TXR61AB00-1206). RING SHALL BEAR NO MARKING.
- 5 FOR LARGER ENTRY SIZES, A 2 PIECE BACKSHELL ASSEMBLY (TYPE 2) IS SUPPLIED.
6. BACKSHELL MATES TO MIL-C-81511, SERIES 1, 2, 3 AND 4, CLASS A, C, E, F, P AND T, M81511/1, /5, /6, /21, /23, /25, /26, /31, /32, /33, /34, /35, /36, /37, /38 /45, /46, /49, /51, /53, /55 AND /56 CONNECTORS.
- 7 THESE DIMENSIONS APPLY IF A SELF-LOCKING COUPLING NUT IS USED.

DRAWN	K.WINCZURA	DATE	24/02/2015	 3RD ANGLE PROJECTION NOT TO SCALE	TITLE: TINEL-LOCK BACKSHELL					 Polamco 
CHECKED	M.PAUL	DATE	24/02/2015							
APPROVED	K.SHEPPARD	DATE	20/03/2015		ASSY USED ON: MIL-DTL-81511					
APPROVED	H.SMITH	DATE	20/08/2015							
				UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°						
REVISIONS										
LTR	DESCRIPTION		DATE	APPROVED						
E	REVISED PER ECO-15-011999		20/08/2015	H.SMITH						
F	CRN 26424		25/11/2024	R.STYLES						
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: TXR61	DRAWING REV: F	SHT 1	

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



DRAWN	K.WINCZURA	DATE	24/02/2015
CHECKED	M.PAUL	DATE	24/02/2015
APPROVED	K.SHEPPARD	DATE	20/03/2015
APPROVED	H.SMITH	DATE	20/08/2015
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
E	REVISED PER ECO-15-011999	20/08/2015	H.SMITH
F	CRN 26424	25/11/2024	R.STYLES
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-DTL-81511

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:
TXR61

DRAWING REV:
F

SHT
2



MODIFICATION S

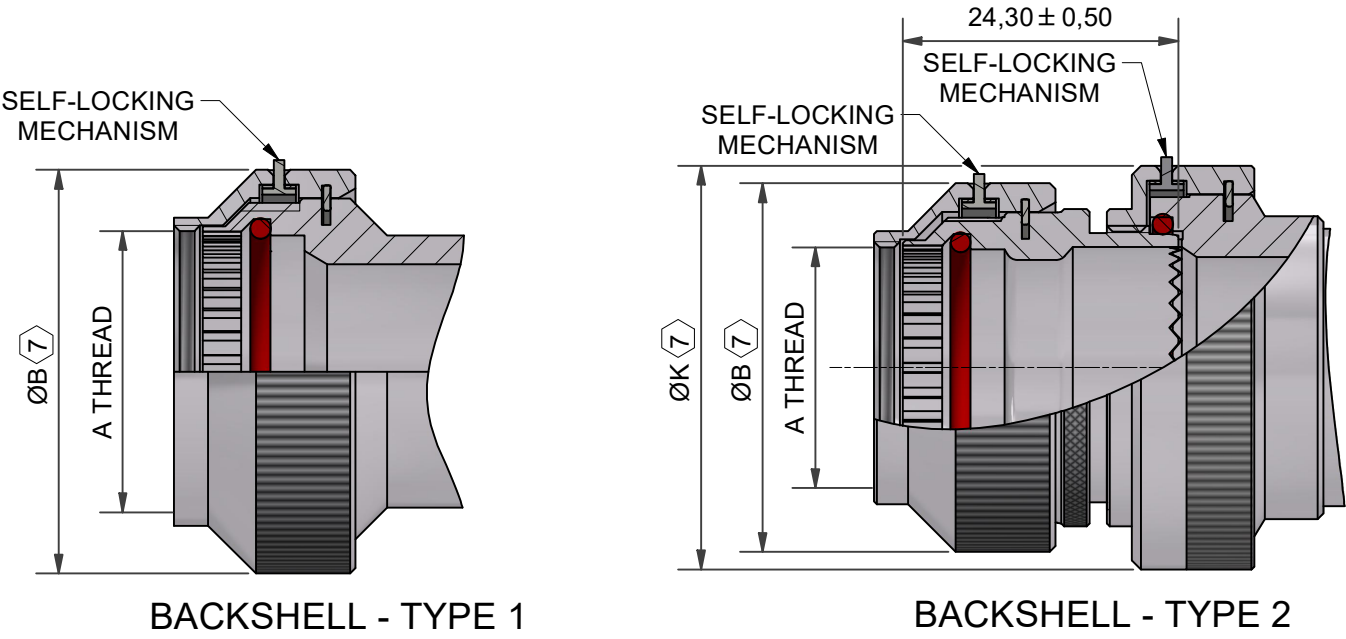


TABLE 1

											THESE DIMENSIONS APPLY IF BACKSHELL IS STAINLESS STEEL OR NICKEL ALUMINIUM BRONZE		
ORDER NO.	SHELL SIZE COM'L / MIL	A THREAD	ØB MAX	ØB MAX (7)	MAX ENTRY	±0,5	±0,5	±0,5	±0,5	±0,5	±0,5	±0,5	±0,5
08	8 / A	1/2-28UNEF	21,6	23,6	06	18,7	26,8	31,7	24,5	27,05	29,4	24,5	26,4
10	10 / B	5/8-28UNEF	24,8	26,4	08	19,0	27,5	34,0	25,3	27,95	32,4	25,3	28,2
14	14 / D	7/8-28UNEF	31,1	32,9	12	20,5	29,0	40,4	28,2	31,50	39,3	28,2	31,2
16	16 / E	1-28UNEF	34,3	36,6	14	21,2	29,7	44,0	31,0	32,70	42,4	31,0	32,9
18	18 / F	1 1/8-28UNEF	37,5	38,9	16	21,9	30,5	46,7	32,0	34,25	45,2	32,0	34,5
20	20 / G	1 1/4-28UNEF	40,6	41,9	18	22,5	30,9	49,7	33,0	35,80	47,6	33,0	36,1
22	22 / H	1 3/8-28UNEF	43,8	44,9	20	22,8	31,1	51,2	33,7	37,40	49,8	33,7	37,6
24	24 / J	1 1/2-28UNEF	47,0	48,1	22	23,7	32,1	54,7	35,5	38,90	52,8	35,5	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	ØK MAX (7)	±0,5	±0,5	±0,5	±0,5	±0,5	±0,5	±0,5	±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	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
06	9,53	12,66 +/-0,04	17,10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
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

DRAWN

K.WINCZURA

CHECKED

M.PAUL

APPROVED

K.SHEPPARD

APPROVED

H.SMITH

DATE

24/02/2015

DATE

24/02/2015

DATE

20/03/2015

DATE

20/08/2015

3RD ANGLE PROJECTION

NOT TO SCALE

UNLESS OTHERWISE SPECIFIED

ALL DIMENSIONS IN MILLIMETRES

GENERAL TOL

LINEAR +/-0,25MM

ANGULAR +/- 1°

REVISIONS

LTR	DESCRIPTION	DATE	APPROVED
E	REVISED PER ECO-15-011999	20/08/2015	H.SMITH
F	CRN 26424	25/11/2024	R.STYLES

TITLE:

TINEL-LOCK BACKSHELL

ASSY USED ON:

MIL-DTL-81511

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:

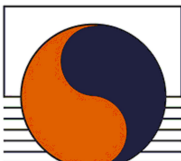
TXR61

DRAWING REV:

F

SHT

3



Polamco



TEconnectivity

TE CAGE CODE: 06090

POLAMCO/TE CAGE CODE: U5792