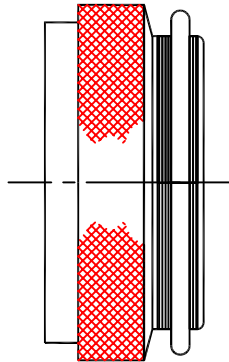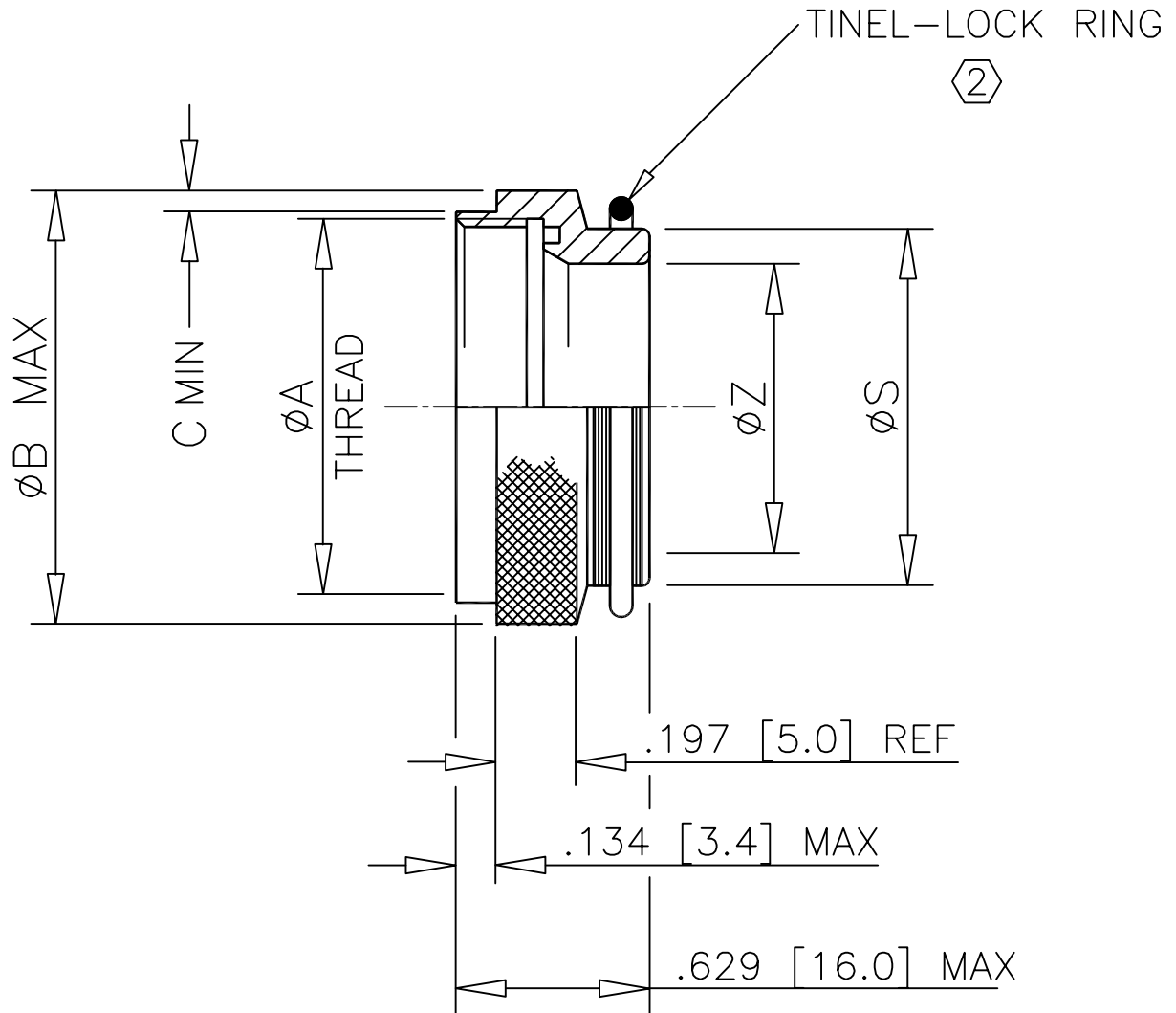| REVISION			
LTR	DESCRIPTION	DATE	APPROVED
C	REVISED PER ECO-14-002033	02/11/14	I. MYONG

PANCAKE TINEL-LOCK ADAPTER

NOTES:

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

⟨2⟩ SEE DRAWING "TR" FOR DETAILS ON TINEL-LOCK RING. RINGS ARE DESIGNED
   TO BE HEATED ELECTRICALLY. ALL RINGS ARE MARKED WITH THERMOCHROMIC
   PAINT WHICH CHANGES COLOR WHEN INSTALLATION TEMPERATURE IS REACHED.

3. ADAPTER TO BE PERMANENTLY MARKED WITH CODE IDENT. NO. AND PART NO. LESS
   RING DESIGNATOR (E.G.: 06090-PNT54AB00-1410). RINGS SHALL BEAR NO MARKING.

4 FOR PART NUMBER BREAKDOWN SEE CH00-0250-008. REPLACE "TXR" DESIGNATOR
   WITH "PNT". TINEL-LOCK RING IS TO BE SPECIFIED IN PART NUMBER WHEN ORDERING.

⟨5⟩ ADAPTER MATES TO MIL-C-81703, SERIES III, MS3424, MS3446, MS3464, MS3467
   AND MS3468 CLASSES E AND L.

⟨6⟩ ADAPTER MATES TO MIL-C-5015G, MS3400 SERIES CLASS D, E, K, L, U AND W:
   MS3400, MS3401, MS3404, MS3406, MS3450, MS3451, MS3454, MS3456, MS3470,
   MS3471, MS3472, MS3474, MS3475 AND MS3476.
   MIL-C-83723 SERIES II, CLASS A AND L, MIL-C-83723 SERIES I AND III CLASS A,
   G, K, R AND S:
   M83723/1 TO /8, /13, /14, /36 TO /43, /48, /49, /65 TO /78, /82 TO /87,
   /91, /92, /95, /97 AND /98, (MS3155 CONTROLLED INTERFACE).

⟨7⟩ REPLACE * WITH A OR B (SEE DRAWING: TR).

Raychem Adapters
CUSTOMER DRAWING

THIS DRAWING AND THE INFORMATION SET FORTH HEREON ARE THE PROPERTY OF TYCO ELECTRONICS AND ARE TO BE HELD IN TRUST AND CONFIDENCE. PUBLICATION, DUPLICATION, DISCLOSURE, OR USE FOR ANY PURPOSE NOT EXPRESSLY AUTHORIZED IN WRITING BY TYCO ELECTRONICS IS PROHIBITED.	DRAWN: T. NGUYEN	DATE: 01/28/2014	**≡TE** TE Connectivity
	CHECKED: I. MYONG	DATE: 01/29/2014	
	APPROVED: I. MYONG	DATE: 01/30/2014	TITLE:
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES.	APPROVED: _____	DATE: __/__/__	TINEL-LOCK ADAPTER PANCAKE - CODE 54
DECIMALS TOLERANCES: XXX ± .005 [0.13mm] XX ± .01 [0.25mm] X ± .1 [0.50mm] ANGLES TOLERANCE: ± 1°	CAD FILE: PNT54.dwg	THIRD ANGLE PROJECTION: ⊕ ⊏	DRAWING NO: **PNT54**
	MATERIAL: SEE NOTES	FINISH: SEE NOTES	RPN: N/A	CAGE CODE: 06090	SIZE: A	SCALE: DO NOT SCALE	SHEET: 1_OF_3

TINEL—LOCK RING
⟨2⟩

ØB MAX

C MIN

ØA THREAD

ØZ

ØS

.197 [5.0] REF

.134 [3.4] MAX

.629 [16.0] MAX

Raychem Adapters
CUSTOMER DRAWING

TE TE Connectivity

DRAWING NO: PNT54

CAD FILE:	CAGE CODE:	RPN:	SIZE:	SCALE:	THIRD ANGLE PROJ.	SHEET:
PNT.DWG	06090	N/A	A			2_OF_3

TABLE I

ORDER NUMBER	SHELL SIZE ⟨5⟩	SHELL SIZE ⟨6⟩	ENTRY SIZE	ØA UNIFIED THREAD CLASS 2B	ØB MAX	C MIN
08		8/8S	04	0.500−20 UNF	.65 [16.5]	.040 [1.00]
10		10/10S/10SL	06	0.625−24 UNEF	.77 [19.6]	.040 [1.00]
12	7	12/12S	08	0.750−20 UNEF	.90 [22.9]	.040 [1.00]
14	12	14/14S	10	0.875−20 UNEF	1.04 [26.4]	.040 [1.00]
16	19	16/16S	12	1.000−20 UNEF	1.22 [31.0]	.065 [1.65]
18	27	18	14	1.062−18 UNEF	1.28 [32.5]	.065 [1.65]
20	37	20	16	1.188−18 UNEF	1.40 [35.6]	.065 [1.65]
22		22	18	1.312−18 UNEF	1.53 [38.9]	.065 [1.65]
24		24	20	1.438−18 UNEF	1.65 [41.9]	.065 [1.65]

TABLE II

ENTRY SIZE	ØZ +.010 −.020 [+0.25] [−0.50]	ØS	RING SIZE ⟨7⟩
04	.265 [6.75]	.438 .432 [11.13] [10.97]	TR05*I
06	.375 [9.52]	.563 .556 [14.31] [14.12]	TR07*I
08	.500 [12.70]	.627 .618 [15.93] [15.69]	TR08*I
10	.577 [14.66]	.752 .742 [19.11] [18.84]	TR10*I
12	.703 [17.86]	.877 .867 [22.28] [22.02]	TR12*I
14	.782 [19.86]	1.002 .991 [25.46] [25.17]	TR14*I
16	.906 [23.01]	1.127 1.116 [28.63] [28.34]	TR16*I
18	1.031 [26.19]	1.252 1.241 [31.81] [31.52]	TR18*I
20	1.156 [29.36]	1.377 1.366 [34.98] [34.69]	TR20*I

Raychem Adapters
CUSTOMER DRAWING

TE TE Connectivity

DRAWING NO: PNT54

| CAD FILE: PNT54.DWG | CAGE CODE: 06090 | RPN: N/A | SIZE: A | SCALE: | THIRD ANGLE PROJ: | SHEET: 3_OF_3 |