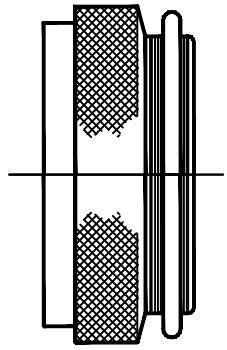
TYCO ELECTRONICS RESERVES THE RIGHT TO AMEND THIS DRAWING AT ANY TIME. USERS SHOULD EVALUATE THE SUITABILITY OF THE PRODUCT FOR THEIR APPLICATION.

REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	REVISED PER DCR NO R030267	MAY 03	KJW
B	REVISED PER ECO-10-003828	11MAR10	A. BUI



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).

If this document is printed it becomes uncontrolled. Check for the latest revision

©2010 Tyco Electronics Corporation. All rights reserved.

CUSTOMER DRAWING

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. [METRIC DIMENSIONS ARE IN BRACKETS.]

DECIMALS
.X ±.005 [mm]
.XX ±.01 [mm]
.XXX ±.1 [mm]
ANGLES
.X ± .5°

REDRAWN	A. BUI	DATE	5MAR10
CHECKED	–	DATE	–
APPROVED	–	DATE	–
APPROVED	I. MYONG	DATE	5MAR10
CAD NAME	PNT54		

THIRD ANGLE PROJECTION

Tyco Electronics

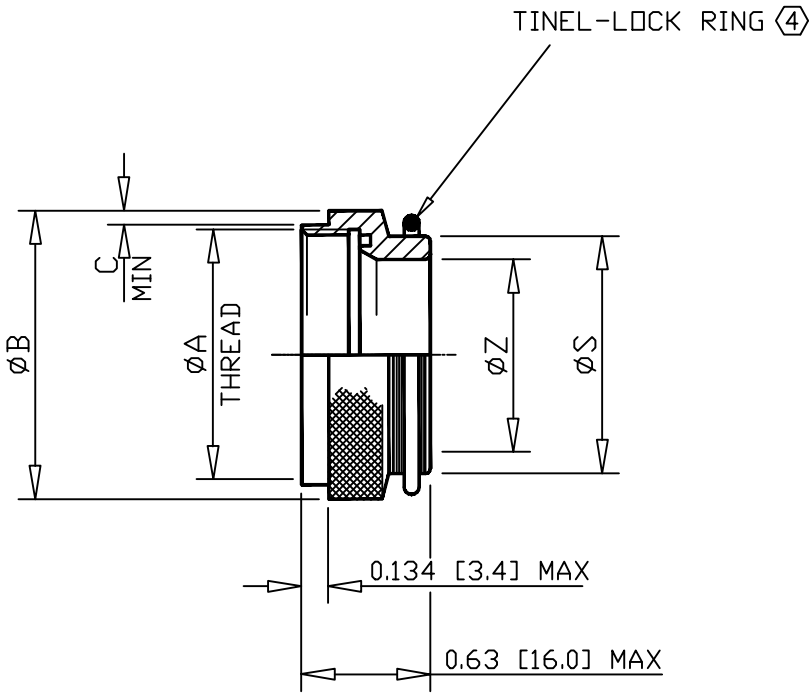
Raychem Adapters
300 Constitution Drive
Menlo Park, CA 94025 U.S.A

TITLE

TINEL-LOCK™ ADAPTER
(PANCAKE CODE 54)

SIZE	CODE IDENT. NO.	DWG. NO.	REV
A	06090	PNT54	B

DO NOT SCALE THIS DWG | SHEET 1 OF 3



If this document is printed it becomes uncontrolled. Check for the latest revision

CUSTOMER DRAWING

SIZE	CODE IDENT. NO.	DWG. NO.	REV
A	06090	PNT54	B
DO NOT SCALE THIS DWG		SHEET 2 OF 3	

©2010 Tyco Electronics Corporation. All rights reserved.

TABLE I						
ORDER NUMBER	SHELL SIZE		MAX ENTRY ⟨4⟩ SIZE	ØA UNIFIED THREAD CLASS 2B	ØB MAX	C MIN
	⟨5⟩	⟨6⟩				
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	
04	.250 [6.35]	0.376 0.370	[9.56] [9.39]
06	.375 [9.53]	0.501 0.495	[12.73] [12.57]
08	.500 [12.70]	0.626 0.619	[15.91] [15.72]
10	.625 [15.87]	0.752 0.742	[19.11] [18.84]
12	.750 [19.05]	0.877 0.867	[22.28] [22.02]
14	.875 [22.23]	1.002 0.991	[25.46] [25.17]
16	1.000 [25.40]	1.127 1.116	[28.63] [28.34]
18	1.125 [28.57]	1.252 1.241	[31.81] [31.52]
20	1.250 [31.75]	1.377 1.366	[34.98] [34.69]

If this document is printed it becomes uncontrolled. Check for the latest revision

CUSTOMER DRAWING

SIZE	CODE IDENT. NO.	DWG. NO.	REV
A	06090	**PNT54**	B
DO NOT SCALE THIS DWG		SHEET 3 OF 3	

©2010 Tyco Electronics Corporation. All rights reserved.