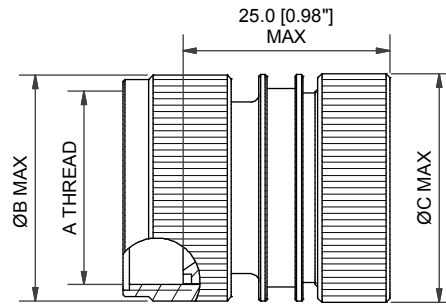
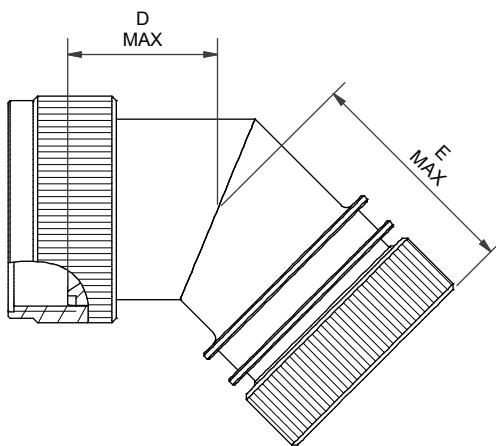
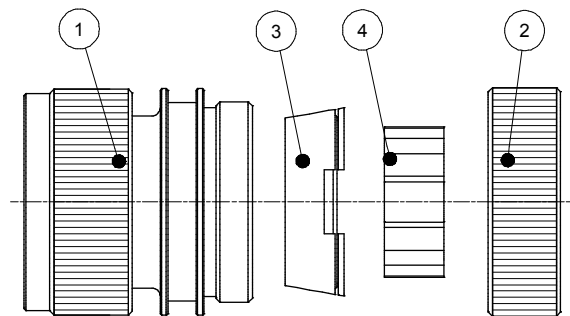


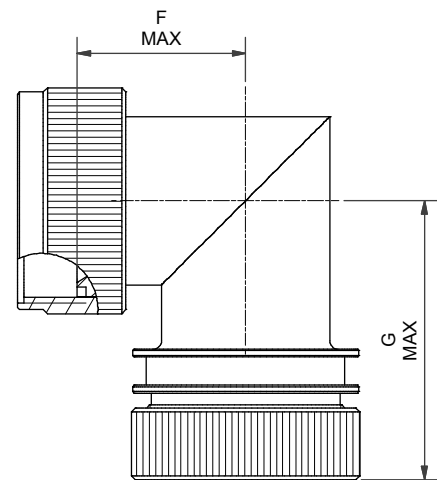
SPECIFICATION CONTROL DRAWING



STRAIGHT BODY STYLE - 00



45° BODY STYLE - 45



90° BODY STYLE - 90

DRAWN	K.KUTA-WINCZURA	DATE	28/07/2017												
CHECKED		DATE	28/07/2017												
APPROVED	K.SHEPPARD	DATE	30/07/2017												
APPROVED	K.SHEPPARD	DATE	11/12/2017												
REVISIONS <table border="1"> <thead> <tr> <th>LTR</th><th>DESCRIPTION</th><th>DATE</th><th>APPROVED</th></tr> </thead> <tbody> <tr> <td>B</td><td>REVISED PER D060254</td><td>17/08/2006</td><td></td></tr> <tr> <td>C</td><td>REVISED PER ECO-17-017923</td><td>11/12/2017</td><td>K.SHEPPARD</td></tr> </tbody> </table>				LTR	DESCRIPTION	DATE	APPROVED	B	REVISED PER D060254	17/08/2006		C	REVISED PER ECO-17-017923	11/12/2017	K.SHEPPARD
LTR	DESCRIPTION	DATE	APPROVED												
B	REVISED PER D060254	17/08/2006													
C	REVISED PER ECO-17-017923	11/12/2017	K.SHEPPARD												
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:

**HEXASHIELD BACKSHELL FOR CODE 54
CONNECTORS, PLAIN CLAMPLING NUT**

ASSY USED ON:

SEE APPLICATION NOTE

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:
HEX54-AY-YY-YY-AYY-1-YY

DRG REV: SHT
C 1



SPECIFICATION CONTROL DRAWING

KIT DESCRIPTION

ITEM	DESCRIPTION	MATERIAL
1	BODY ASSEMBLY	ALUMINIUM ALLOY
2	CLAMPING NUT - PLAIN	ALUMINIUM ALLOY
3	CONIC RING	ALUMINIUM ALLOY
4	STAR	ALUMINIUM ALLOY

TABLE OF DIMENSIONS

Order Number	Shell Size (see overleaf)		A Thread UNF/UNEF-2B	ØB MAX	ØC MAX	D MAX	E MAX	F MAX	G MAX	Ferrule Quantity		
	Type A	Type B								Std.	Opt.1	Opt.2
09	08	N/A	0.5000"-20	16.0 [0.63"]	17.5 [0.69"]	12.5 [0.49"]	25.5 [1.00"]	16.0 [0.63"]	29.0 [1.14"]	1	-	-
11	10	N/A	0.6250"-24	22.0 [0.87"]	21.5 [0.85"]	13.0 [0.51"]	26.0 [1.02"]	17.5 [0.69"]	30.5 [1.20"]	2	-	-
13	12	07	0.7500"-20	25.0 [0.98"]	22.5 [0.89"]	14.0 [0.55"]	26.5 [1.04"]	19.0 [0.75"]	32.0 [1.26"]	3	-	-
15	14	12	0.8750"-20	30.0 [1.18"]	25.5 [1.00"]	14.5 [0.57"]	27.5 [1.08"]	20.5 [0.81"]	33.5 [1.32"]	5	-	-
17	16	19	1.0000"-20	33.0 [1.30"]	28.5 [1.12"]	15.0 [0.59"]	28.0 [1.10"]	22.0 [0.87"]	35.0 [1.38"]	6	7	-
19	18	27	1.0625"-18	37.0 [1.46"]	31.5 [1.24"]	15.5 [0.61"]	28.5 [1.12"]	23.5 [0.93"]	36.5 [1.44"]	7	-	-
21	20	37	1.1875"-18	38.0 [1.50"]	35.0 [1.38"]	16.5 [0.65"]	29.0 [1.14"]	25.5 [1.00"]	38.5 [1.52"]	9	11	-
23	22	N/A	1.3125"-18	41.0 [1.61"]	38.0 [1.50"]	17.0 [0.67"]	30.0 [1.18"]	27.0 [1.06"]	40.0 [1.57"]	10	13	-
25	24	N/A	1.4375"-18	46.0 [1.81"]	41.0 [1.61"]	18.0 [0.71"]	31.0 [1.22"]	28.5 [1.12"]	41.5 [1.63"]	12	17	-
61	N/A	61	1.5000"-18	42.0 [1.65"]	41.0 [1.61"]	18.0 [0.71"]	31.0 [1.22"]	31.0 [1.22"]	41.5 [1.63"]	12	17	18

PART NUMBERING

HEX54-AC-00-21-A9-1-DS
 SERIES _____
 CONNECTOR INTERFACE _____
 MATERIAL _____
 A - ALUMINIUM ALLOY
 FINISH _____
 C - ELECTROLESS NICKEL TO MIL-C-26074
 B - CADMIUM OLIVE DRAB OVER
 ELECTROLESS NICKEL TO QQ-P416
 BODY STYLE _____
 00 = STRAIGHT
 45 = 45°
 90 = 90°
 ORDER NUMBER _____
 FERRULE QUANTITY CODE _____
 BACK END OPTION _____
 1 - PLAIN CLAMPING NUT
 STAR STYLE _____
 DS - DRILLED STAR (SEE NOTE 2)
 OMIT FOR PLAIN STAR

DRAWN	K.KUTA-WINCZURA	DATE	28/07/2017	 3RD ANGLE PROJECTION NOT TO SCALE UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°	TITLE: HEXASHIELD BACKSHELL FOR CODE 54 CONNECTORS, PLAIN CLAMPLING NUT	 Polamco 
CHECKED		DATE	28/07/2017			
APPROVED	K.SHEPPARD	DATE	30/07/2017			
APPROVED	K.SHEPPARD	DATE	11/12/2017			
REVISIONS					ASSY USED ON: 	

SPECIFICATION CONTROL DRAWING

APPLICATION:

- These adaptors are designed to be mounted on the following connectors:

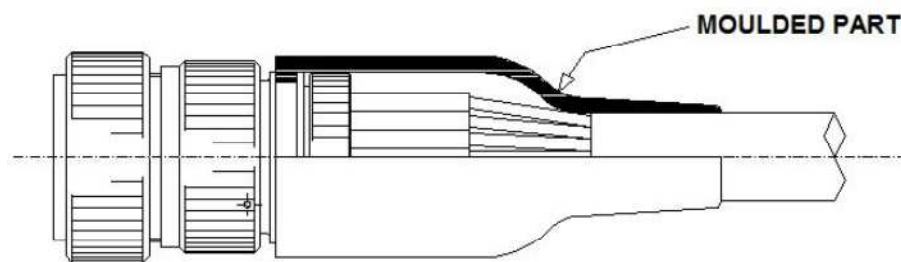
MIL-C-26482 Series II
MIL-C-83723 Series I and III
MIL-C-5015
HE312

Shell Size Type A

MIL-C-81703 Series III
HE312
DBAD

Shell Size Type B

- They are qualified to the Raychem specification RB-114, when installed on metallic Mil-Specification circular connectors only.
- They are designed primarily for open wire bundle installation but are also designed to accept Raychem heat shrink moulded parts where strain relief is required - see illustration.



- Use in conjunction with the ferrules HET-A-0XX, which are purchased separately. Refer to HET-A-0XX S.C.D. for relevant selection details.

INSTALLATION:

- See Installation Procedure RPIP-696-04.

PACKAGING:

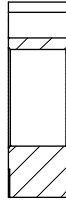
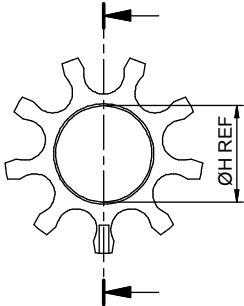
- All components are supplied in a plastic bag.

DRAWN	K.KUTA-WINCZURA	DATE 28/07/2017	 3RD ANGLE PROJECTION NOT TO SCALE	TITLE: HEXASHIELD BACKSHELL FOR CODE 54 CONNECTORS, PLAIN CLAMPLING NUT	 Polamco  TE connectivity	
CHECKED		28/07/2017				
APPROVED	K.SHEPPARD	30/07/2017				
APPROVED	K.SHEPPARD	11/12/2017				
REVISIONS			ASSY USED ON: SEE APPLICATION NOTE			
LTR	DESCRIPTION	DATE		APPROVED		
B	REVISED PER D060254	17/08/2006				
C	REVISED PER ECO-17-017923	11/12/2017		K.SHEPPARD		
TE CAGE CODE: 06090 POLAMCO/TE CAGE CODE: U5792						
UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS IN MILLIMETRES GENERAL TOL LINEAR +/-0.25MM ANGULAR +/- 1°				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: HEX54-AY-YY-YY-AYY-1-YY	DRG REV: C	SHT 3

SPECIFICATION CONTROL DRAWING

NOTES!

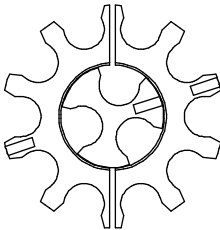
- Item 4 - Star - is **not** supplied with Hexashield Order Number 09.
- The DS option, illustrated below, is for a Drilled Star, which is available on sizes 15 to 61 when the standard ferrule quantity is selected, and sizes 25 and 61 when the optional ferrule quantity is selected. This option is to allow unshielded wires to pass through the assembly.



STAR SIZE	15	17	19	21	23	25 (Std.)	25 (Opt.1)	61 (Std.)	61 (Opt.1)	61 (Opt.2)
ØH REF	3.0 [0.12"]	6.0 [0.24"]	9.0 [0.35"]	12.0 [0.47"]	15.0 [0.59"]	18.0 [0.71"]	3.0 [0.12"]	18.0 [0.71"]	3.0 [0.12"]	6.0 [0.24"]

- Where the ferrule quantities required are standard, the item 4 - Star - is also standard.
If the optional quantity is selected, then 2 items 4 will be supplied - one "split" and the other one standard.
See below for illustration.

"SPLIT" STAR



EXAMPLE: FERRULE QUANTITY CODE -A13
-A13 = -A10 SPLIT RING STAR + -A3 STANDARD STAR

- Assembly is to be permanently marked with Code Identity Number and Part Number.
(e.g. 06090 HEX54-AB-00-21-A9-1)

DRAWN K.KUTA-WINCZURA	DATE 28/07/2017		TITLE: HEXASHIELD BACKSHELL FOR CODE 54 CONNECTORS, PLAIN CLAMPLING NUT			
CHECKED	28/07/2017					
APPROVED K.SHEPPARD	30/07/2017					
APPROVED K.SHEPPARD	11/12/2017					
REVISIONS			ASSY USED ON: SEE APPLICATION NOTE			
LTR	DESCRIPTION	DATE			APPROVED	
B	REVISED PER D060254	17/08/2006				
C	REVISED PER ECO-17-017923	11/12/2017			K.SHEPPARD	
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: HEX54-AY-YY-YY-YYY-1-YY	DRG REV: C	SHT 4