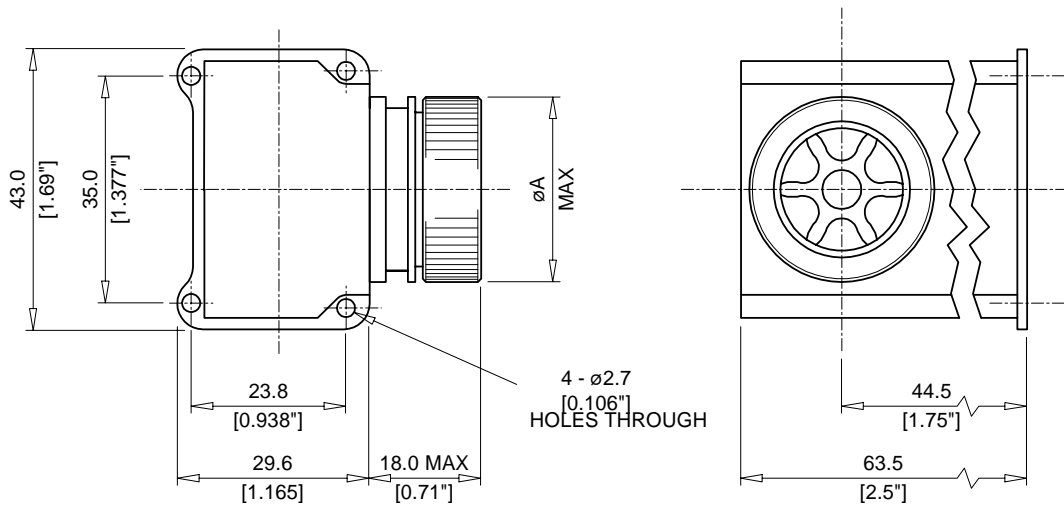
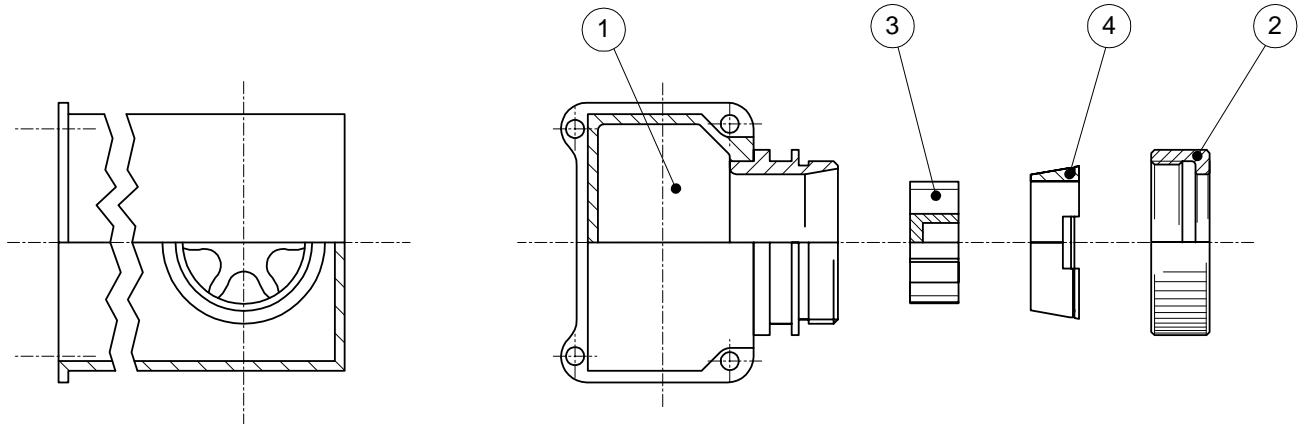


SPECIFICATION CONTROL DRAWING



ADAPTOR FOR MIL-C-81659 CONNECTOR



TOLERANCES:
0 FIG = ± 0.5 [0.020"]
1 FIG = ± 0.25 [0.010"]
2 FIG = ± 0.12 [0.005"]

		Tyco Electronics Corporation 300 Constitution Drive, Menlo Park, CA. 94025, U.S.A.		<i>Raychem</i>			TITLE: HexaShield Adaptor for Arinc 404 Size 1 Connector Plain Clamping Nut		
Unless otherwise specified dimensions are in millimeters. [Inches dimensions are shown in brackets]					DOCUMENT NO.: HEXA4-AY-90-01-AYY-1-YY				
TOLERANCES: See above		Tyco Electronics reserves the right to amend this drawing at any time. Users should evaluate the suitability of the product for their application.			DOC. ISSUE: 1		DATE: 5-Feb-04		
DRAWN BY: IRT		CAGE CODE: 06090	REPLACES: N/A	DCR NUMBER: D040040	SCALE: None	SIZE: A		SHEET: 1 of 3	

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

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	Ferrule Quantity		ØA Max
		Std.	Optional	
01	01	6	7	28.5 [1.12"]
		10	11, 12 13, 15	38.0 [1.50"]

PART NUMBERING

HEXA4 - A B - 90 - 01 - A10 - 1 - DS

- CONNECTOR CODE NUMBER _____
- HEXA4 = ARINC 404 CONNECTOR
- MATERIAL CODE: _____
- A = ALUMINIUM ALLOY
- PLATING CODE: _____
- B = CADMIUM OLIVE DRAB TO SAE-AMS-QQ-P-416
- C = ELECTROLESS NICKEL TO SAE-AMS-MIL-C-26074
- OUTLET STYLE _____
- 90 = 90° DEGREE OUTLET
- ORDER NUMBER _____
- 01 = SIZE 1
- FERRULE QUANTITY CODE _____
- 1 = PLAIN CLAMPING NUT _____
- DS = DRILLED STAR - SEE NOTE 1 _____

APPLICATIONS

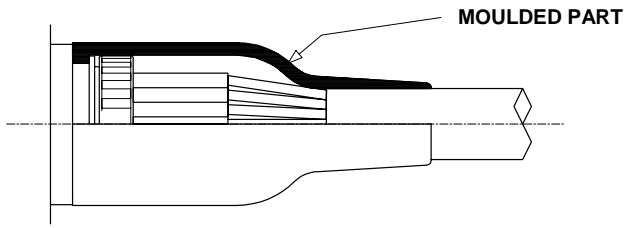
- These adaptors are designed to be mounted on the following connectors:

ARINC 404 (MIL-C-81659) Single Insert

- 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.

DRAWN BY: IRT	CAGE CODE: 06090	REPLACES: N/A	DCR NUMBER: D040040	REV.: 1	SCALE: None	SIZE: A	SHEET: 2 of 3
------------------	---------------------	------------------	------------------------	------------	----------------	------------	------------------

SPECIFICATION CONTROL DRAWING



- 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

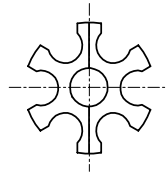
- All components are supplied in a plastic bag.

NOTES!

1. Where the ferrule quantity required is standard, the item 4 - Star - is also standard.
If the optional quantity is selected then see below for illustrations of typical assemblies.

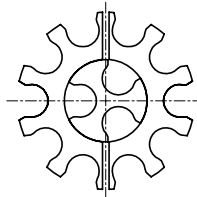
EXAMPLE: FERRULE QUANTITY CODE - A7

-A7 = -A6 SPLIT STAR WITH BORE TO ACCEPT FERRULE

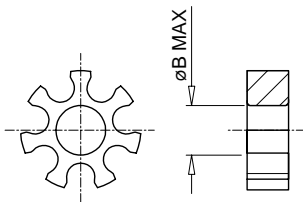


EXAMPLE: FERRULE QUANTITY CODE -A13

-A13 = -A10 SPLIT STAR + -A3 STANDARD STAR



2. The DS option, illustrated below, is for a Drilled Star. This option is to allow unshielded wires to pass through the assembly.



FERRULE NUMBER	A6	A10
ØB MAX	6.0	15.0
	[0.24"]	[0.59"]

3. Assembly is to be permanently marked with Code Identity Number and Part Number.
(e.g. 06090 HEXA4-AB-90-01-A10-1)

DRAWN BY: IRT	CAGE CODE: 06090	REPLACES: N/A	DCR NUMBER: D040040	REV.: 1	SCALE: None	SIZE: A	SHEET: 3 of 3
------------------	---------------------	------------------	------------------------	------------	----------------	------------	------------------

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