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REV. B	SHEET 1 OF 2	DOCUMENT NO. CF-170900-BXX
REVISIONS M		
LTR	DESCRIPTION	DATE
A	INITIAL RELEASE	09/04/19
B	(CL 1) SEE ECN D3439	07/13/21

PART NUMBER

L  
±.015

CF-170900-B01	.333
CF-170900-B02	.270
CF-170900-B03	.158

ROSA CONTACT  
I/O CHART

PIN ID	FUNCTION
1	GND
2	3.3VDC
3	GND
4	LOS
5	OUTPUT-
6	OUTPUT+

Technical drawing of the ROSA Contact I/O Chart. The drawing includes a side view and a top view. Key dimensions and labels are as follows:

- Side View:**
  - QUADRAX KEY: (.418)
  - STAINLESS STEEL OUTER BODY: .700 ± .010
  - ENCAPSULANT: 6 PLACES
  - ALIGNMENT DISC: L
  - RED BAND
  - REMOVABLE ALIGNMENT SLEEVE CAP: 2
  - PROTECTIVE CAP: 6
  - QUADRAX KEY: .060, .057
  - Ø .345 ± .005
  - Ø .217 ± .001
- Top View:**
  - QUADRAX KEY: (.070)
  - PIN 3: Ø .030 ± .002
  - PIN 4
  - PIN 5
  - PIN 6
  - PIN 1
  - PIN 2
  - Ø .016 ± .002: 5 PLACES
  - (.069): 2 PLACES
  - (.069): 2 PLACES
  - (.063): 2 PLACES
  - (.0315): 3 PLACES

**ATTENTION**  
OBSERVE PRECAUTIONS  
FOR HANDLING  
ELECTROSTATIC  
SENSITIVE  
DEVICES

SEE SHEET 2

NOTES:

THE USE OF THIS DOCUMENT IS UNLIMITED.  
HOWEVER, DOCUMENTS REFERENCED HEREON  
MAY CONTAIN LIMITED RIGHTS DATA.

CF-020012-039X & OTHERS  
NEXT ASSEMBLY

PRO/ENGINEER INFORMATION  
Pro/e Model Used:  
CF-170900-BXX.ASSEM  
Drawing Name:  
CF-170900-BXX

UNLESS OTHERWISE SPECIFIED	SPECIFICATIONS	POS	QTY	PART NUMBER	DESCRIPTION	NOTE
LINEAR DIMENSIONS ARE IN INCHES TOLERANCES: .XXXX = ±.0005 ANGLES= ±2° .XXX = ±.010 .XX = ±.03 .X = ±.1 DIM. & TOL. PER ASME Y14.5M; DRM PER MIL-STD-31000; OTHER Amphenol Stds. PER 9-3800 LEGENDS: =FLAG NOTE CALL OUT REFERENCE ONLY	MATERIAL SPEC.	PARTS LIST				
	NONE	<b>AMPHENOL CORPORATION</b> 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13858 <b>FIBER QUAD ASSEMBLY</b> <b>SIZE 8 CONTACT, ROSA</b> <b>850nm MULTIMODE, 4G, 50/125</b>				
PROCESS SPEC.	9-3856-5 9-3895	APPROVALS PREPARED BY: W. LEE ENGINEER IN CHARGE: W. LEE DESIGN MANAGER: J. ROTHROCK DESIGN ACTIVITY GROUP: CI DATE: 10-May-19 THIRD ANGLE PROJECTION				
SCALE: 6.0 REF. CF-170900-035		SIZE C CAGE CODE 77820		DOCUMENT NO. CF-170900-BXX REV. B		SHEET 1 OF 2

DOCUMENT NO.  
CF-170900-BXX

SHEET 1 OF 2

REV.  
B

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2

1

DOCUMENT NO.  
CF-170900-BXX

SHEET 1 OF 2

REV.  
BEng. PDM Information  
For Reference OnlyREVISION  
BVERSION  
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REVISION  
BVERSION  
0Eng. PDM Information  
For Reference OnlyREV.  
B

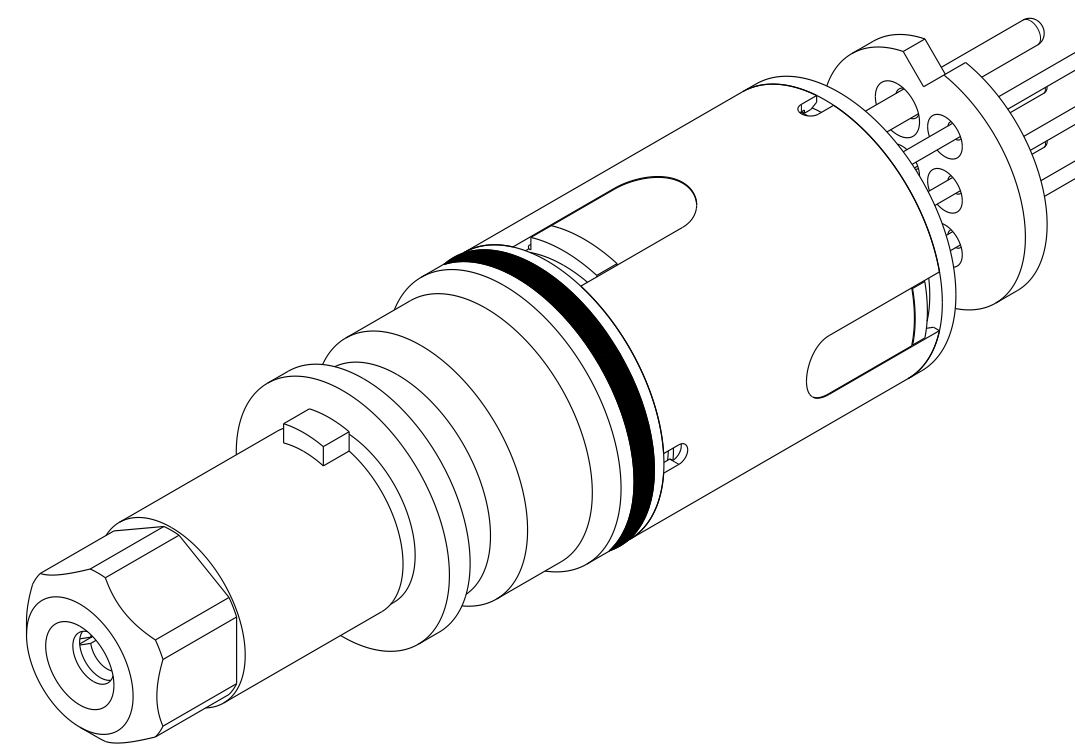
SHEET 1 OF 2

DOCUMENT NO.  
CF-170900-BXX

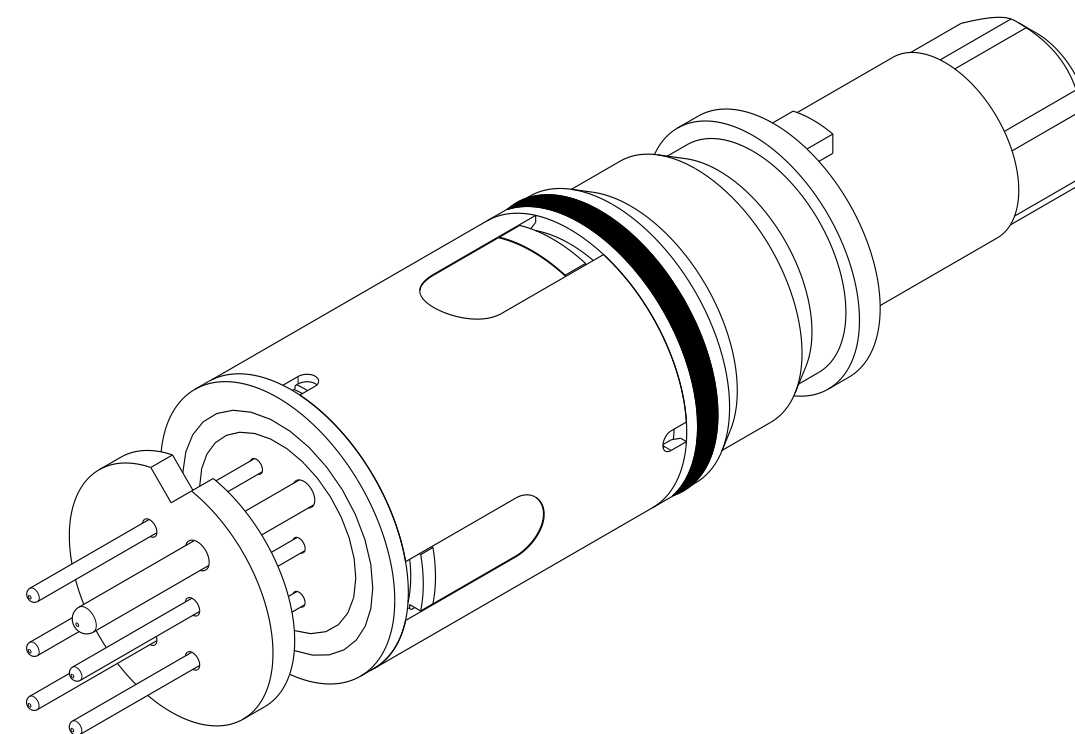
CF-170900-BXX

SHEET 2 OF 2

REV. B



**FRONT ISO VIEW**  
SCALE 5.000



**REAR ISO VIEW**  
SCALE 5.000

- 11. FIBER LINES SHALL BE 850nm SIGNAL COMPATIBLE 50/125 GRADED INDEX MULTIMODE FIBER.
- 10. OPTICAL RECEIVE SENSITIVITY: <-17dBm
- 9. OPERATING TEMPERATURE: -40°C TO 85°C  
STORAGE TEMPERATURE: -40°C TO 85°C
- 8. ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE (ESD) SENSITIVE COMPONENTS. ASSEMBLY SHALL BE HANDLED, PACKAGED, AND SHIPPED TO MEET REQUIREMENTS OF ANSI/ESD-S-20.20 AND IPC-610.
- 7. STAMP "AMPHENOL", PART NUMBER, DATE CODE & LOT NO.(9-3895) ON INDICATED SURFACE WITH CONTRASTING COLOR PER 9-3856-5.
- 6. PROTECTIVE CAP SHALL BE INSTALLED PRIOR TO SHIPPING.
- 5. PACKAGE PER PRODUCTION PROCESS SHEET.
- 4. RED INK STAMP PER 9-3856-5. .230" I.D. X .025" WIDTH RING.
- 3. RED RING DENOTES 850nm 50/125 MULTIMODE ROSA.
- 2. IF ALIGNMENT SLEEVE CAP IS REMOVED FOR CLEANING, TO RE-INSTALL TORQUE TO 22-25 IN-LB (352-400 IN-OZ).
- 1. CONTACT FITS IN STANDARD 38999 SERIES III QUADRAX CAVITIES.

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FORMAT: C-0-U-E-1

DOCUMENT NO. CF-170900-BXX

SHEET 2 OF 2

REV. B

SIZE <b>C</b>	CAGE CODE <b>77820</b>	DOCUMENT NO. <b>CF-170900-BXX</b>	REV. <b>B</b>
SCALE: 6.0		REF: CF-170900-035	SHEET 2 OF 2

SHEET 2 OF 2

CF-170900-BXX

REV. B

Eng. PDM Information For Reference Only

REVISION B

VERSION 0