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REV. B	SHEETS 1 OF 2	DOCUMENT NO. CF-170900-MXX
REVISIONS M		
LTR	DESCRIPTION	DATE
A	INITIAL RELEASE	06/14/21
B	(CL 1) SEE ECN D3447	07/13/21

CF-170900-MXX

SHEET 1 OF 2

REV. B

C

B

A

FORMAT: C-U-E-I

REV. B

4

PART NUMBER	L ±.015
CF-170900-M01	.333
CF-170900-M02	.270
CF-170900-M03	.158

ROSA CONTACT I/O CHART	
PIN ID	FUNCTION
1	GND
2	3.3VDC
3	GND
4	LOS
5	OUTPUT-
6	OUTPUT+

Dimensions: (.418), .060, .057, .345±.005, Ø.217±.001, .815±.010, L, 6 PLACES, (.070), Ø.030±.002, (.069) 2 PLACES, (.069) 2 PLACES, Ø.016±.002 5 PLACES, (.063) 2 PLACES, (.0315) 3 PLACES.

Components: QUADRAX KEY, STAINLESS STEEL OUTER BODY, ALIGNMENT DISC, PROTECTIVE CAP, REMOVABLE ALIGNMENT SLEEVE CAP, RED BAND, ENCAPSULANT.

Pinout Diagram Labels: PIN 1, PIN 2, PIN 3, PIN 4, PIN 5, PIN 6, QUADRAX KEY, ALIGNMENT DISC.

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-020012-053X
NEXT ASSEMBLY

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

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	MATERIAL SPEC. NONE					
DIM. & TOL. PER ASME Y14.5M; DRM PER MIL-STD-31000; OTHER Amphenol Stds. PER 9-3800	PROCESS SPEC. SEE NOTE 12					
LEGENDS: = FLAG NOTE CALL OUT REFERENCE ONLY						
APPROVALS		DATE		PARTS LIST		
PREPARED BY W. LEE	ENGINEER IN CHARGE W. LEE	14-Jun-21		AMPHENOL CORPORATION 40-60 DELAWARE AVENUE SIDNEY, N.Y. 13858		
DESIGN MANAGER J. ROTHROCK	DESIGN ACTIVITY GROUP C1	THIRD ANGLE PROJECTION		FIBER QUAD ASSEMBLY SIZE 8 CONTACT, ROSA, LOW OUTGASSING 850nm MULTIMODE, 10G		
SIZE C	CAGE CODE 77820	DOCUMENT NO. CF-170900-MXX	REV. B	SCALE: 6.0 CF-170900-FXX SHEET 1 OF 2		

DOCUMENT NO. CF-170900-MXX

SHEET 1 OF 2

REV. B

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3

2

1

VERSION

REVISION

Eng. PDM Information For Reference Only

REV.

SHEET 1 OF 2

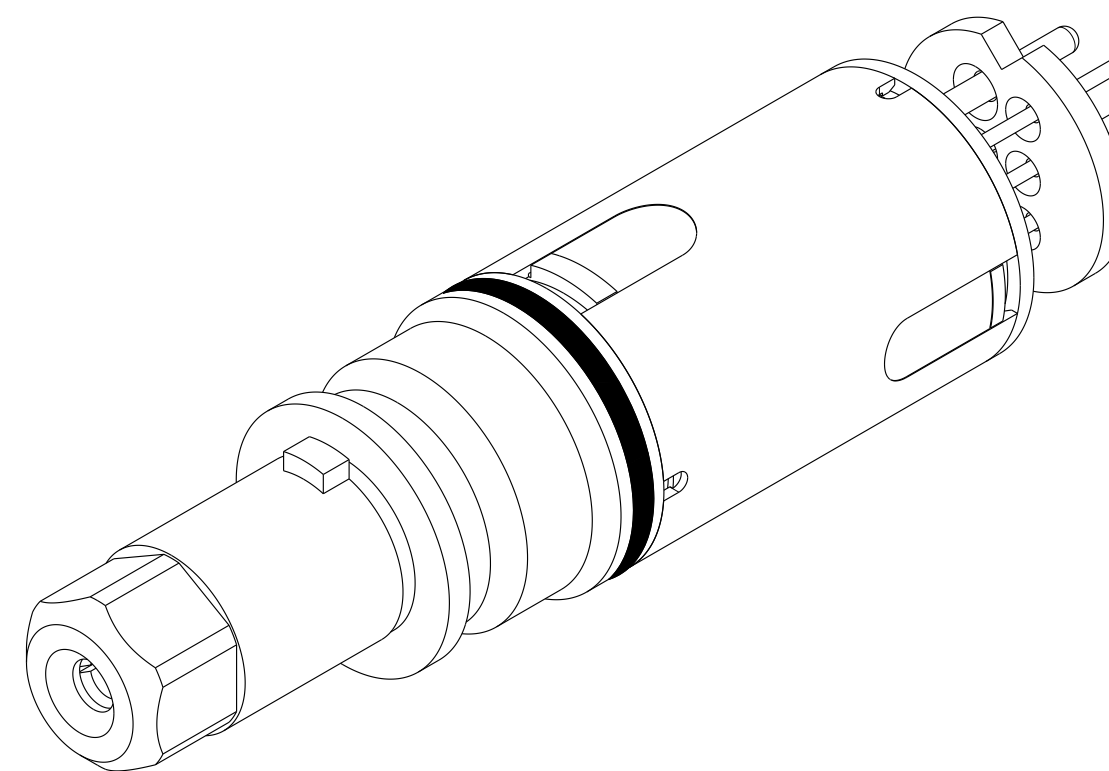
DOCUMENT NO. CF-170900-MXX

REV. B

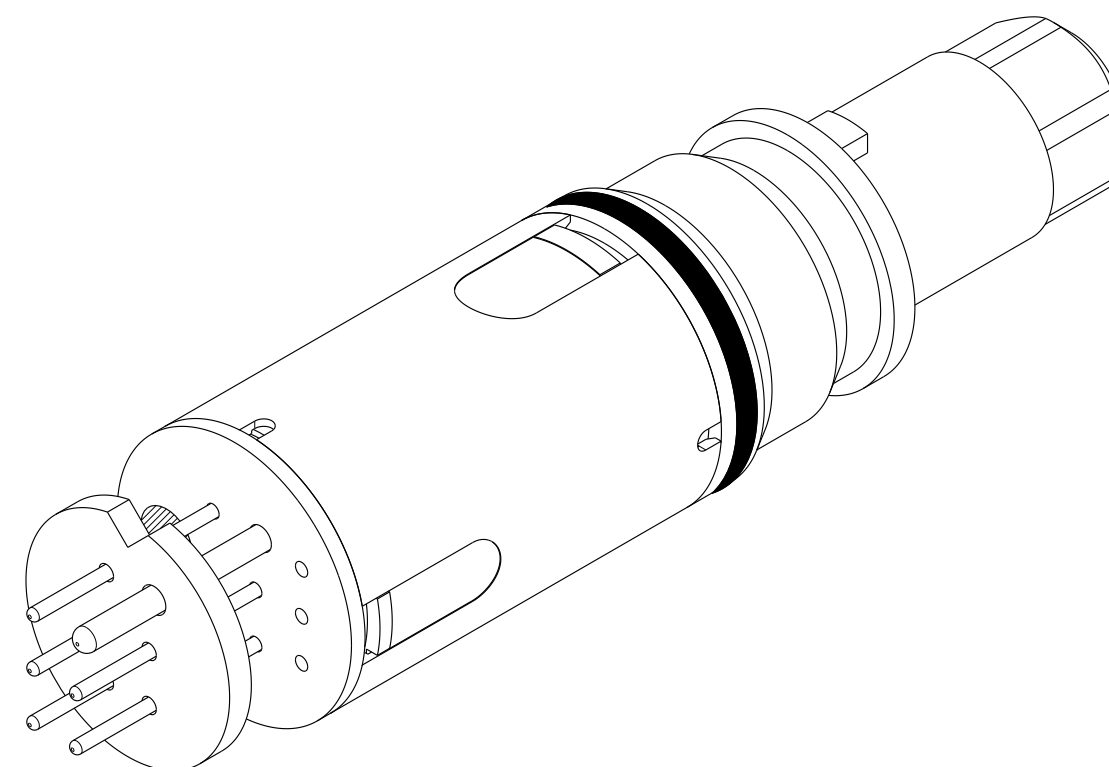
CF-170900-MXX

SHEET 2 OF 2

REV. B



FRONT ISO VIEW
SCALE 5.000



REAR ISO VIEW
SCALE 5.000

- 13. MATERIAL OUTGASSING SHALL NOT EXCEED 1% TML AND 0.1% CVM PER ASTM E595.
- 12. PROCESS SPECS: 9-3856-14, 9-3895
- 11. FIBER LINES SHALL BE 850nm SIGNAL COMPATIBLE 50/125 GRADED INDEX MULTIMODE FIBER.
- 10. OPTICAL RECEIVE SENSITIVITY: -11 dBm OR BETTER
- 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 9-3856-14.
- 6. PROTECTIVE CAP SHALL BE INSTALLED PRIOR TO SHIPPING.
- 5. PACKAGE PER PRODUCTION PROCESS SHEET.
- 4. WHITE INK STAMP $\varnothing .075 \pm .025$ DOT PER 9-3856-14 APPROXIMATELY ON INDICATED LOCATION.
- 3. WHITE DOT DENOTES LOW OUTGASSING 10G 850nm 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-E-1

DOCUMENT NO. CF-170900-MXX

SHEET 2 OF 2

REV. B

SIZE C	CAGE CODE 77820	DOCUMENT NO. CF-170900-MXX	REV. B
SCALE: 6.0	REF: CF-170900-FXX	SHEET 2 OF 2	

SHEET 2 OF 2

CF-170900-MXX

Eng PDM Information For Reference Only

REVISION B

VERSION I