

14. CONNECTOR INTERFACE SEALED TO 1×10^{-5} CC/SEC HELIUM MAX LEAKAGE AT 1 ATMOSPHERE.
13. INDICATED DIMENSION IS $.175 \pm .025$ FOR SIZE 8 COAXIAL CONTACTS.
12. FULLY MATED INDICATOR BAND (COLOR: RED).
11. FOR MAXIMUM SEALING EFFICIENCY, APPLY A LIGHT COAT OF COMPOUND (MIL-S-8660 OR EQUIVALENT) TO INDICATED PACKING.
10. ALTERNATE ROTATIONS ARE OBTAINED BY ROTATING INDICATED KEYWAYS. SIX POSITIONS ARE AVAILABLE. SEE 9-2437-25.
9. CONNECTOR IS EPOXY POTTED, INSERT ASSEMBLY AND CONTACTS ARE NOT REMOVABLE.
8. MATES WITH 10-646402-592X & OTHERS.
7. PACKAGE PER PRODUCTION PROCESS SHEET TO CUSHION AND PROTECT PC TAILS DURING SHIPPING AND HANDLING.
6. FOR INSERT ARRANGEMENT, SEE LQ-21824-7.
5. SEE WORK ORDER FOR PERMISSIBLE ADDITIONAL OR ALTERNATE STAMPING.
4. CONNECTOR SHALL BE STAMPED WITH:
"AMPHENOL", KIT PART NUMBER, DATE CODE, AND LOT NUMBER (9-3895) PER 9-5788
EXAMPLE:
AMPHENOL 10-646402-591N 1925 191234567
3. PROCESS SPEC:
9-2437-25, 9-3895, 9-5788
2. UNITS MEET THE APPLICABLE REQUIREMENTS OF MIL-DTL-38999, CLASS Z.
1. KIT TYPE I: CONTACTS AND INSULATORS, IF PRESENT, ARE SHIPPED UNASSEMBLED.
KIT TYPE II: CONTACTS AND INSULATORS, IF PRESENT, ARE SHIPPED ASSEMBLED IN CONNECTOR.

NOTES:

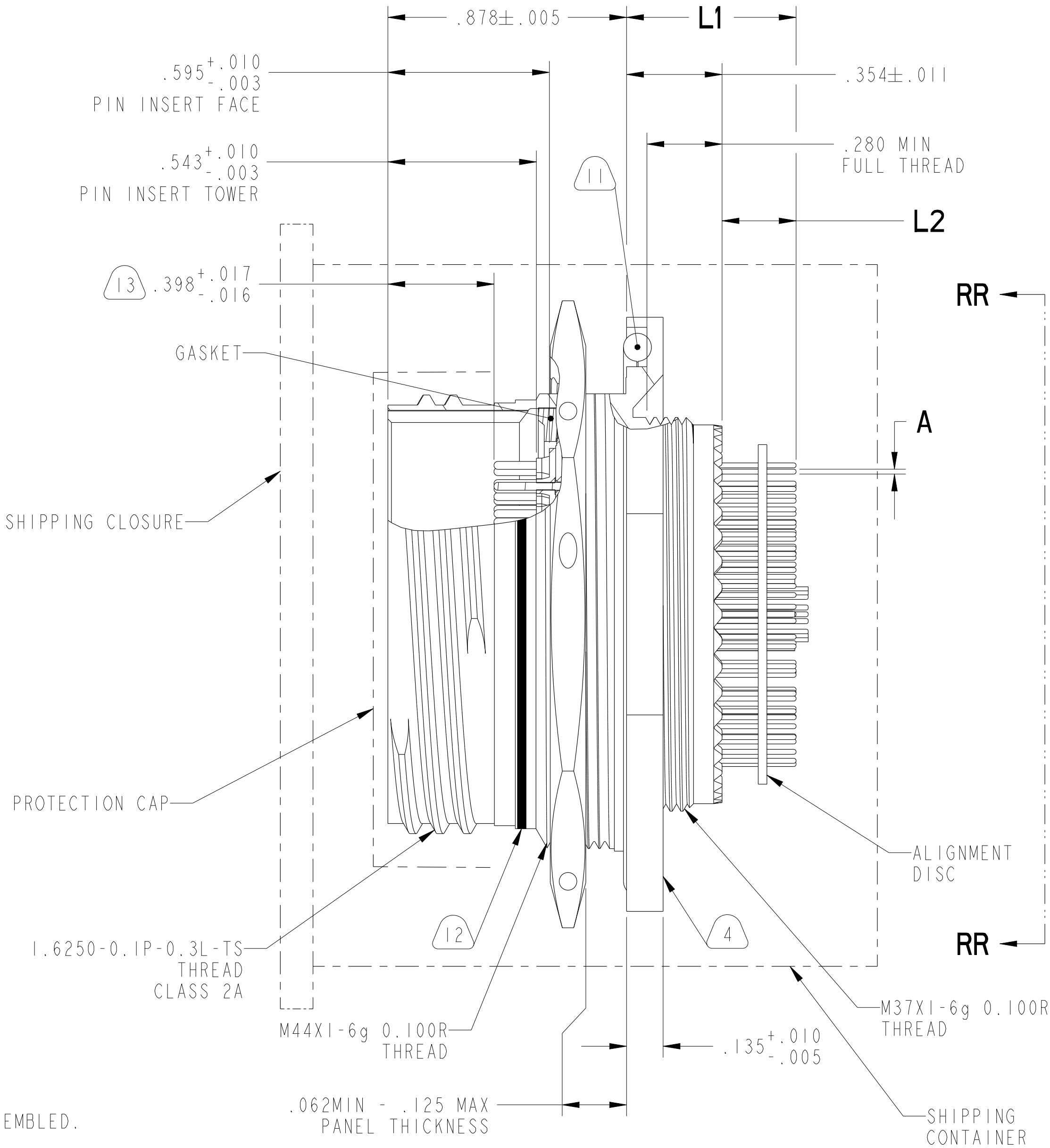
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DOCUMENT NO.
10-646402-591X

SHEET 2 OF 4

REV.
A



PARTIAL SECTION AA-AA
SCALE 3.000

SIZE	CAGE CODE	DOCUMENT NO.	REV.
C	77820	10-646402-591X	A
SCALE: 1.0		REF: 10-646401-318X	SHEET 2 OF 4

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REV. A

D

C

VERSION 2

REVISION A

Eng. PDM Information
For Reference Only

REV. A

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DOCUMENT NO.

REV. A

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4

2

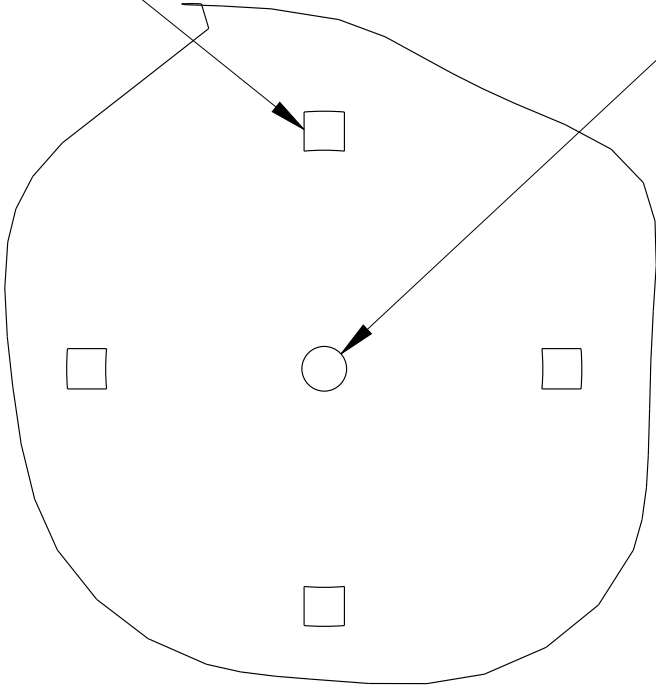
3

4

1

OUTER
CONTACT TAILS
4 PLACES

INNER
CONTACT TAIL

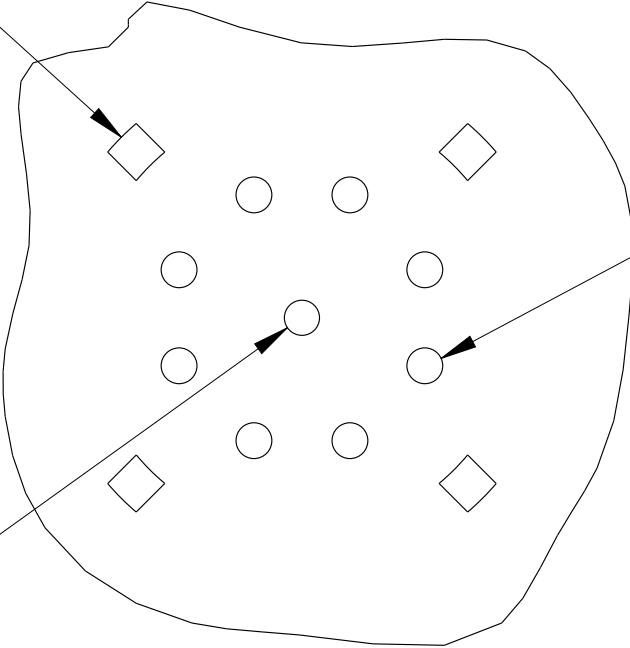


DETAIL A
(COAX CONTACT LOCATION)
SCALE 10.000

OUTER
CONTACT TAILS
4 PLACES

INNER
CONTACT TAILS
8 PLACES

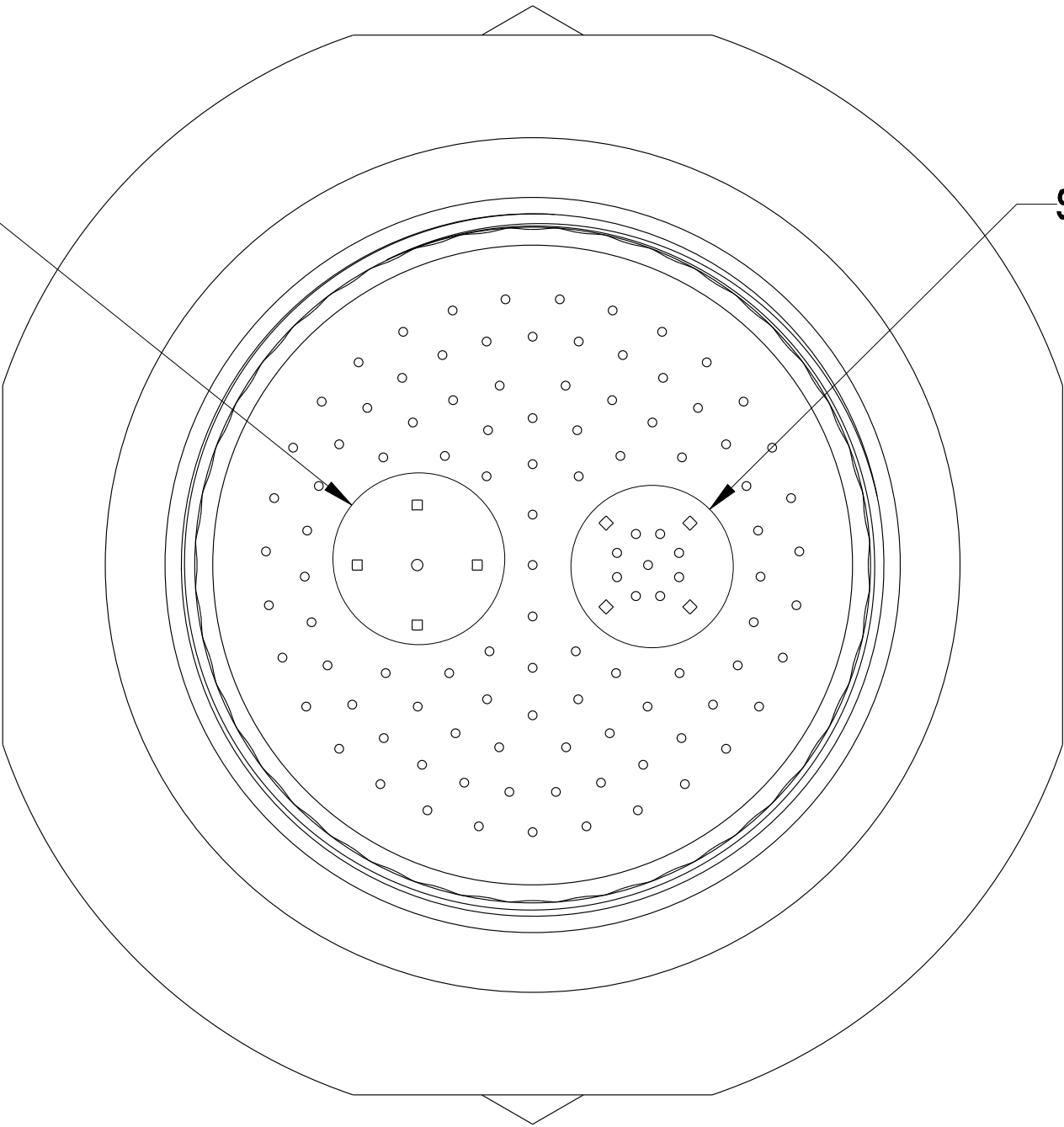
CENTER
CONTACT TAIL



DETAIL B
(OCTONET CONTACT LOCATION)
SCALE 10.000

SEE DETAIL A

SEE DETAIL B



VIEW AT RR-RR
(ALIGNMENT DISC REMOVED FOR CLARITY)
SCALE 3.000

SEE SHEET 2

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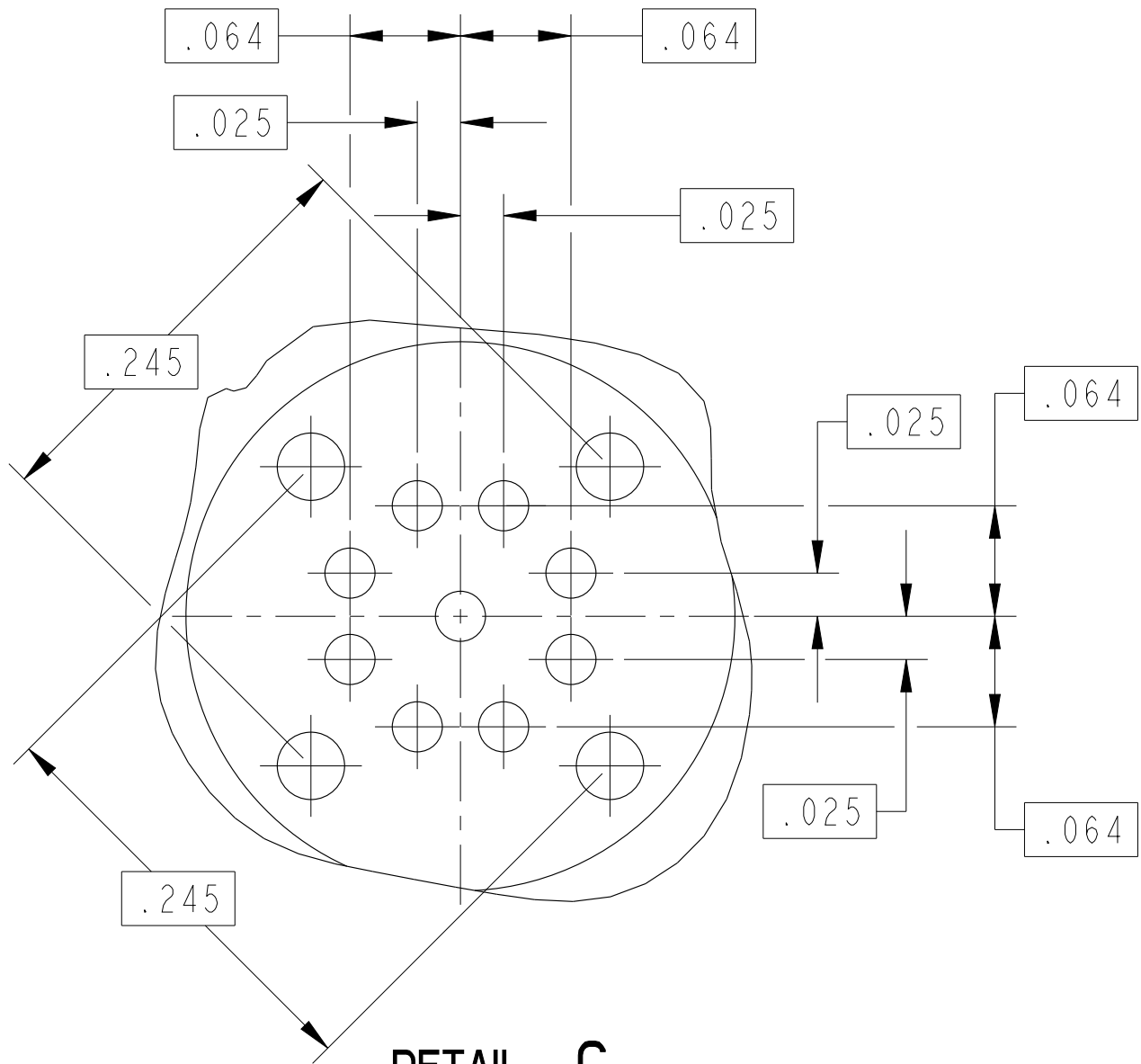
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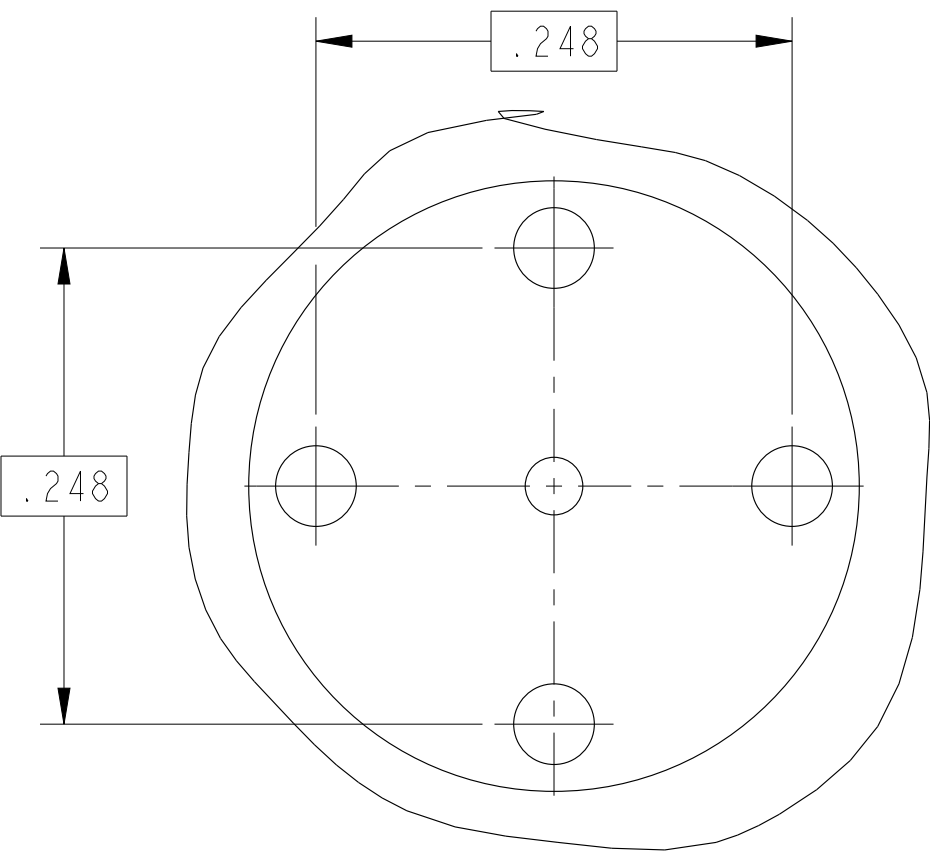
SHEET 3 OF 4

REV. A

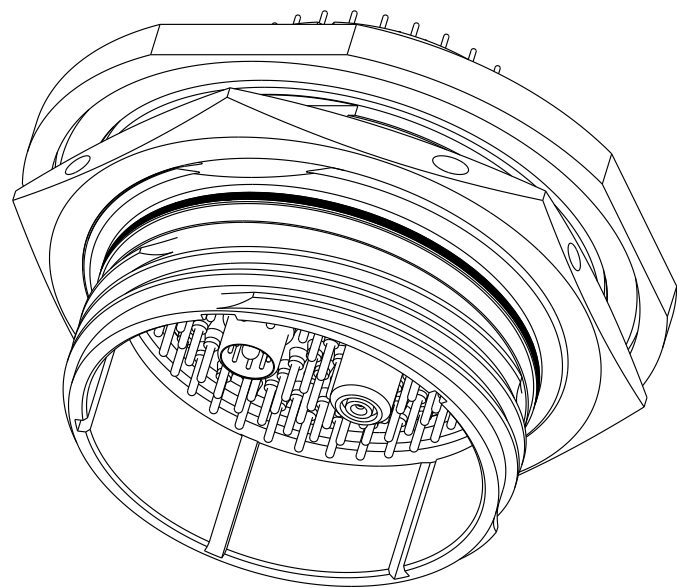
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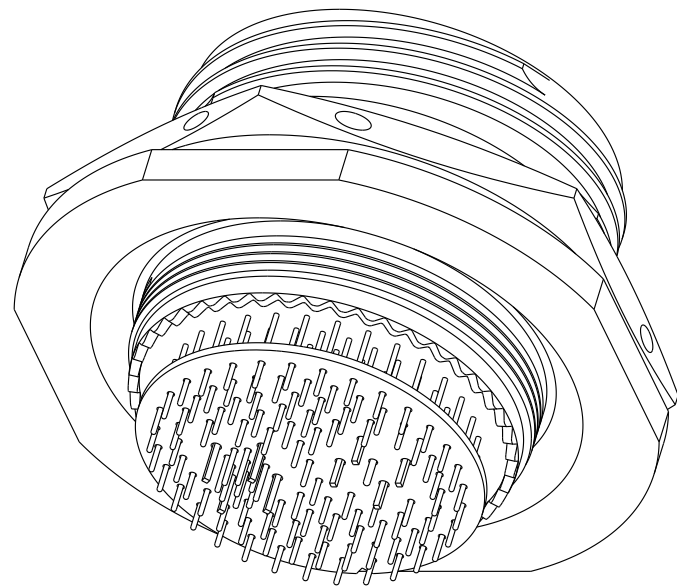
DETAIL C
(CAVITY 25)
SCALE 10.000



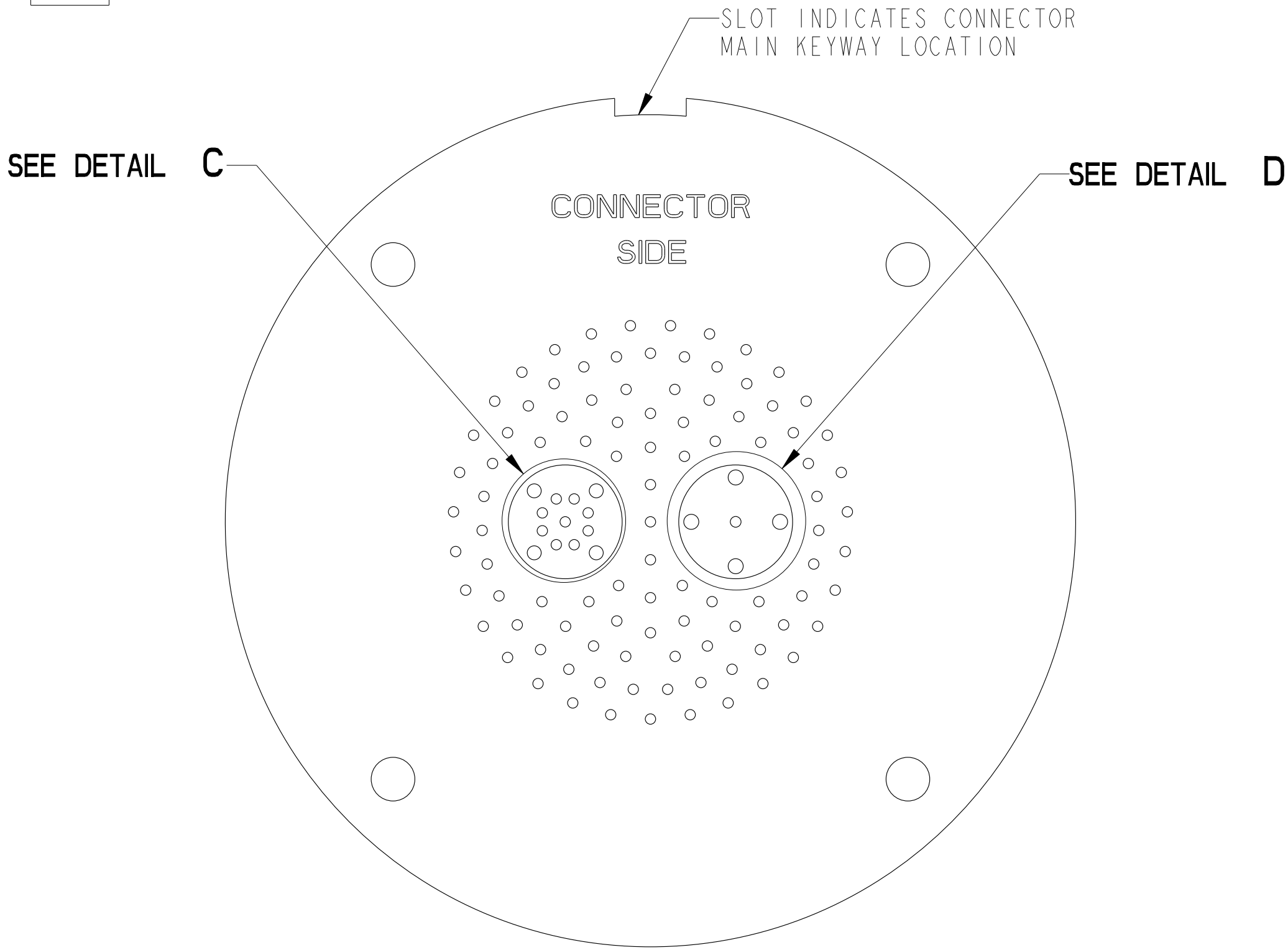
DETAIL D
(CAVITY 75)
SCALE 10.000



FRONT ISOMETRIC VIEW
SCALE 1.500



REAR ISOMETRIC VIEW
SCALE 1.500



PCB HOLE LOCATIONS

(CONNECTOR SIDE SHOWN)
(SEE INSERT ARRANGEMENT FOR CAVITY ϕ LOCATIONS) 6
SCALE 3.000

SEE SHEET 2

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