NOTES:

1. MATERIALS & FINISHES:

| | | |
|---|---|---|
| BODY | - BRASS | - WHITE BRONZE PLATED (.000080 MIN.) |
| OUTER CONTACT | - PHOSPHOR BRONZE | - WHITE BRONZE PLATED (.000080 MIN.) |
| CONTACT (ONE PIECE) | - PHOSPHOR BRONZE | - SILVER PLATED (.000230 MIN.) |
| INSULATOR | - PTFE | |
| GASKET | - SILICONE RUBBER | |

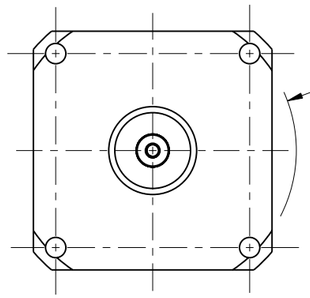
2. PHYSICAL:

A. TEMPERATURE RANGE = -5°C TO +70°C
B. INTERFACE = PER IEC 169-4 & DIN 47223
C. CONTACT RETENTION = AXIAL: 4.0 LBS., RADIAL: 20 IN-OZ. (WHEN TESTED AT +20°C TO +25°C)

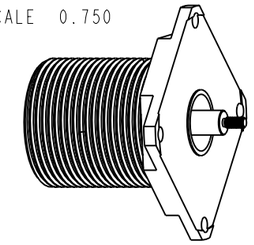
3. ELECTRICAL:

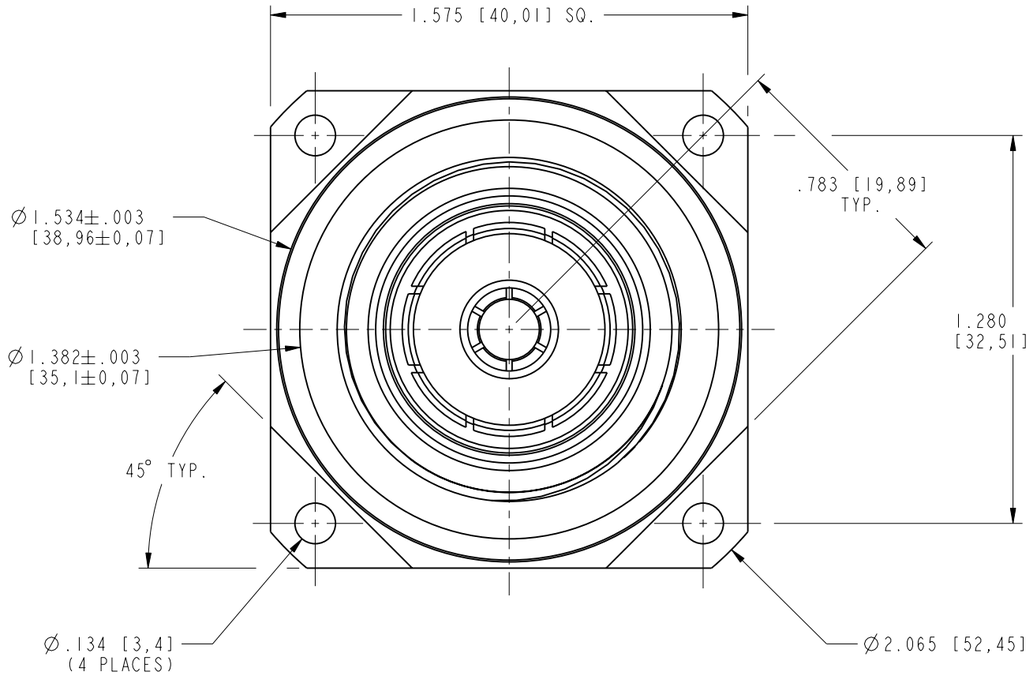
A. IMPEDANCE = 50 OHMS, NOMINAL
B. FREQUENCY RANGE = DC TO 7.5 GHz
C. VSWR = 1.020 + (.02 x FREQ.) FROM DC TO 4.0 GHz
1.300 MAX. FROM 4.0 TO 7.5 GHz
D. IM PERFORMANCE = -163 dBc MAX.
E. D.W.V. = 4,000 VRMS MIN.

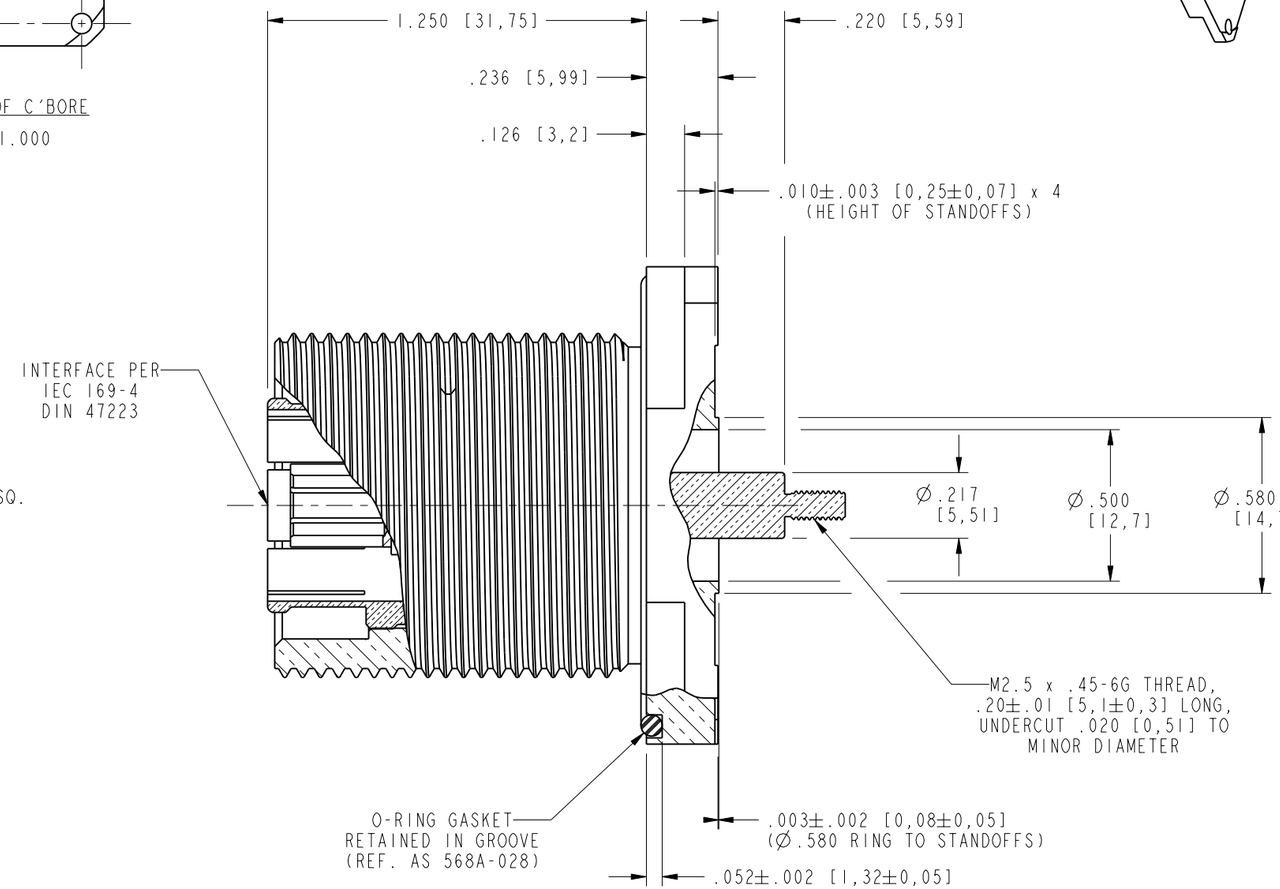
| 716-146 | REVISIONS | | | | |
|---|---|---|---|---|---|
| DRAWING NO. | REV | DESCRIPTION | DATE | ECO | APPR |
| THIRD ANGLE PROJ. | A | RELEASE TO MFG. | 11/11/03 | 44699 | BCG |




REAR VIEW OF C'BORE
SCALE 1.000




**CUSTOMER OUTLINE DRAWING**

ALL OTHER SHEETS ARE FOR INTERNAL USE ONLY

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES AND TOLERANCES ARE:
2 PLACE DECIMAL ±.015 (0,381 mm) | 3 PLACE DECIMAL ±.005 (0,127 mm) | ANGLES ± 1°

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MATERIAL

REFERENCE
611X-4017-400

EAR# 417
GEN# ASSYF52_716

| | | |
|---|---|---|
| DRAWN | B.C. GLEISSNER | DATE 05-Nov-03 |
| ENGINEER | B.C. GLEISSNER | DATE 10-Jul-03 |
| APPROVED | O. BARTHELMES | DATE 11/11/03 |
| CAD FILE | I:\716\716-146 | |

TITLE
716 (F) PANEL MOUNT RECEPTACLE

Amphenol RF
Danbury, CT, USA
Tainan, Taiwan
Shenzhen, China
www.amphenolrf.com

SCALE: 2.0:1 | SHEET 2 OF 2

| CODE ID | DWG SIZE | DRAWING NO. | REV |
|---|---|---|---|
| 74868 | B | 716-146 | A |