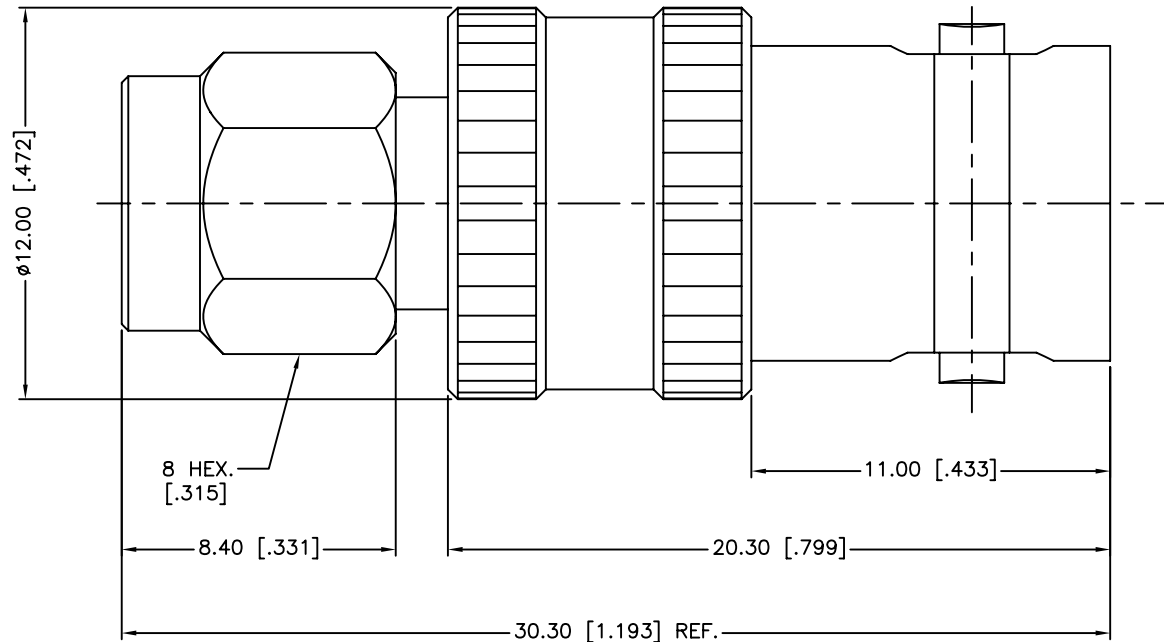


| REV. | DATE     | ECR NO. | DESCRIPTION           |
|------|----------|---------|-----------------------|
| NC   | 02/21/97 | XXXXXX  | INITIAL RELEASE       |
| A    | 07/28/06 | XXXXXX  | UPDATE DRAWING FORMAT |
| B    | 01/04/13 | 2422    | UPDATE DRAWING FORMAT |



1. IMPEDANCE: 50 OHM
2. FREQUENCY RANGE: DC-4 GHz
3. VSWR(RETURN LOSS): 1.3 MAX.
4. RATED VOLTAGE: 500 VRMS MAX.
5. DIELECTRIC WITHSTANDING VOLTAGE: 1000 VRMS MIN.
6. INSULATION RESISTANCE: 5000 MΩ MIN.
7. DURABILITY: 500 CYCLES MIN.
8. TEMPERATURE RANGE: -65°C TO +165°C

|             |               |                 |         | UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. DIMENSIONS IN [ ] ARE IN INCHES AND FOR CUSTOMER REFERENCE ONLY. | APPROVALS                     | DATE    | <b>Amphenol Connex</b> |                           |  |          |   |  |  |                     |  |  |
|-------------|---------------|-----------------|---------|--|-------------------------------|---------|------------------------|---------------------------|--|----------|---|--|--|---------------------|--|--|
| 7           | INSULATOR     | PTFE            | NATURAL | 1  | DRAWN                         | M.ZHANG |                        |                           |  | 01/04/13 | PART DESCRIPTION<br><b>SMA MALE TO BNC FEMALE ADAPTOR</b> |  |  |                     |  |  |
| 6           | CONTACT PIN   | PHOSPHOR BRONZE | GOLD    | 1  | CHECKED                       |         |                        | PART NO.<br><b>242102</b> |  |          |   |  |  |                     |  |  |
| 5           | HOUSING       | BRASS           | NICKEL  | 1  | ISSUED                        |         |                        |                           |  |          |   |  |  | DWG. NO. 242102.DWG |  |  |
| 4           | GASKET        | SILICONE RUBBER | RED     | 1  | SHEET                         | 1 OF 1  |                        |                           |  |          |   |  |  |                     |  |  |
| 3           | RETAINER RING | SUS 304         | NATURAL | 1  | CAD FILE C:/CONNEX/242102.DWG |         |                        |                           |  |          |   |  |  |                     |  |  |
| 2           | BODY          | BRASS           | NICKEL  | 1  | DO NOT SCALE DRAWING          |         |                        |                           |  |          |   |  |  |                     |  |  |
| 1           | SHELL         | BRASS           | NICKEL  | 1  |                               |         |                        |                           |  |          |   |  |  |                     |  |  |
| DESCRIPTION |               |                 |         | MATERIAL   | FINISH                        | QTY     |                        |                           |  |          |   |  |  |                     |  |  |

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS. DIMENSIONS IN [ ] ARE IN INCHES AND FOR CUSTOMER REFERENCE ONLY.

UNLESS OTHERWISE SPECIFIED TOLERANCES FOR MILLIMETERS ARE:  
0.5 - 8mm ± 0.20mm  
8 - 30mm ± 0.40mm  
30 - 120mm ± 0.50mm

UNLESS OTHERWISE SPECIFIED TOLERANCES FOR INCHES ARE:  
.020 - .315 = ± 0.007"  
.315 - 1.180 = ± 0.015"  
1.180 - 4.724 = ± 0.020"

| APPROVALS     | DATE                 |
|---------------|----------------------|
| DRAWN M.ZHANG | 01/04/13             |
| CHECKED       |                      |
| ISSUED        |                      |
| SHEET 1 OF 1  |                      |
| CAD FILE      | C:/CONNEX/242102.DWG |

**Amphenol Connex**

**SMA MALE TO BNC FEMALE ADAPTOR**

**242102**

|                     |        |        |          |
|---------------------|--------|--------|----------|
| DWG. NO. 242102.DWG | REV. B | SIZE A | SCALE NA |
|---------------------|--------|--------|----------|