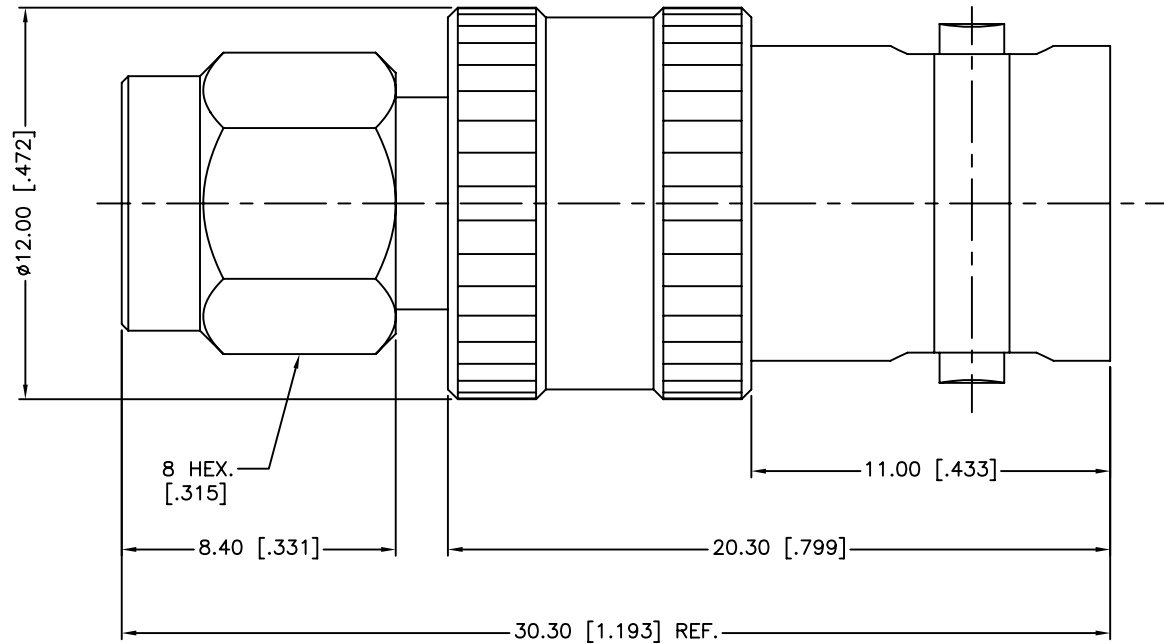


| REV. | DATE | ECR NO. | DESCRIPTION |
|------|----------|---------|-----------------------|
| NC | 02/21/97 | XXXXXX | INITIAL RELEASE |
| A | 07/28/06 | XXXXXX | UPDATE DRAWING FORMAT |
| B | 01/04/13 | 2422 | UPDATE DRAWING FORMAT |



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

| DESCRIPTION | MATERIAL | FINISH | QTY |
|-----------------|-----------------|---------|-----|
| 7 INSULATOR | PTFE | NATURAL | 1 |
| 6 CONTACT PIN | PHOSPHOR BRONZE | GOLD | 1 |
| 5 HOUSING | BRASS | NICKEL | 1 |
| 4 GASKET | SILICONE RUBBER | RED | 1 |
| 3 RETAINER RING | SUS 304 | NATURAL | 1 |
| 2 BODY | BRASS | NICKEL | 1 |
| 1 SHELL | BRASS | NICKEL | 1 |

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"

DO NOT SCALE DRAWING

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

Amphenol Connex

PART DESCRIPTION
SMA MALE TO BNC FEMALE ADAPTOR

PART NO.
242102

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