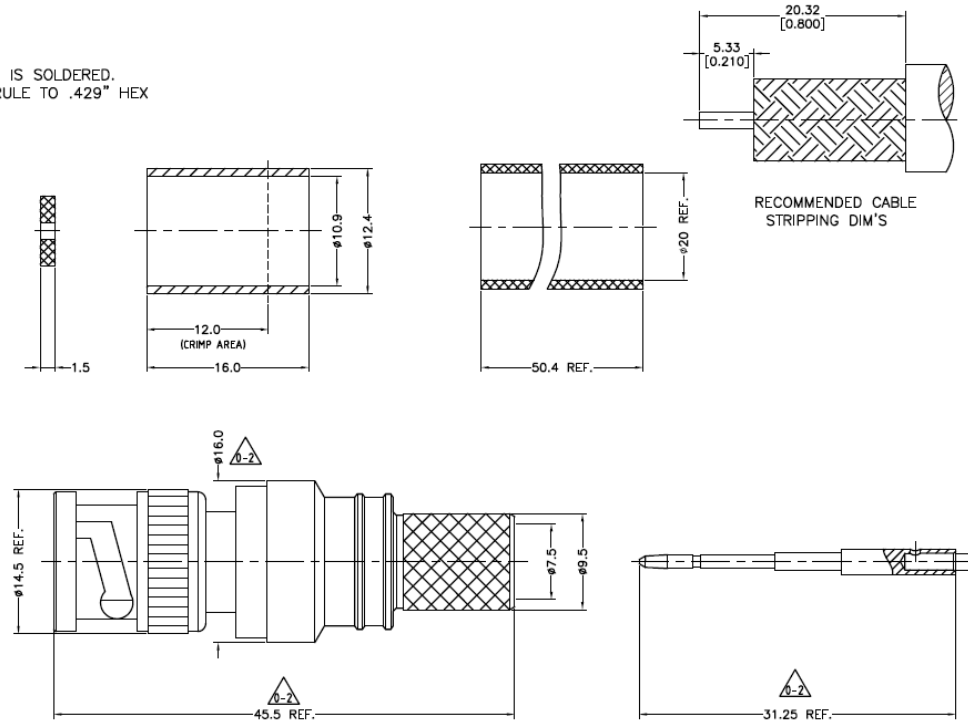
NOTICE OF PROPRIETARY RIGHTS THIS DOCUMENT CONTAINS CONFIDENTIAL TECHNICAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED WITHOUT THE PRIOR WRITTEN CONSENT OF TIMES MICROWAVE SYSTEMS.

| SYM | REVISION DESCRIPTION | DFTM | DATE | APPD | DATE |
|---|---|---|---|---|---|
| A | RELEASED FOR PRODUCTION | N.N.N | 11/22/13 | J.D.B. | 11/22/13 |

REMARKS:
1. CENTER PIN IS SOLDERED.
2. CRIMP FERRULE TO .429" HEX




| MATERIALS AND PLATING | | UNIT: MICRO-INCHES |
|---|---|---|
| BODY | BRASS C3604 | ALBALOY 80u"/COPPER |
| CONTACT PIN | BRASS C3604 | GOLD 50u"/NICKEL/COPPER |
| INSULATOR | TEFLON MIL-P-19468 | NATURAL |
| GASKET | SILICONE | RED |
| FERRULE | BRASS | ALBALOY 80u"/COPPER |

| ELECTRICAL CHARACTERISTICS | |
|---|---|
| Impedance | 75 Ω |
| Voltage rating | 500V(rms) |
| Frequency range | 0~2GHz |
| Dielectric withstanding voltage | 1000V |
| Contact resistance | Center contact: ≤3mΩ |
| | Outer contact: ≤2mΩ |
| Insulation resistance | ≥5000MΩ |
| Insertion loss | 0.1 x √Fghz |
| RF- leakage | N/A |
| VSWR | 1.20 MAX. |
| 3rd Intermodulation | N/A |

| MECHANICAL CHARACTERISTICS | |
|---|---|
| Force to engage and disengage | N/A |
| Center contact retention force | N/A |
| Coupling torque | N/A |
| Bayonet coupling retention force | 60 lbs Min. |
| Durability | ≥ 500 cycles |

| ENVIRONMENTAL CHARACTERISTICS | |
|---|---|
| Temperature range | -55°C- +125°C |
| Vibration | MIL-STD-202,Method 204,Cond B |
| Shock | MIL-STD-202,Method 213,Cond G |
| Corrosion | MIL-STD-202,Method 101,Cond B |

MATL:

USED ON: 0-2

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN mm
MACHINED SURFACES FINISH 1.6 RMS MAX.
REMOVE ALL BURRS 0.15X45° MAX. BREAK
MACHINE CORNERS 0.15X45° MAX. FILLET R.
TOLERANCES ON DECIMALS
.X ± 0.3 .XX ± 0.2
ANGLES ± 1/2° FRACTIONS ± N/A

DFTM. N. N. N
DATE 11/22/13
CHKD. J. D. B.
DATE 11/22/13
APPD. J. D. B.
DATE 11/22/13

TIMES MICROWAVE SYSTEMS

**TC-400-BM-75-X**
75 OHM BNCM
for LMR-400-75 CABLE

SCALE: N/A DWG. SIZE A DO NOT SCALE DRAWING CODE IDENT 68999 SHT. 1 of 1 SD3190-2960 REV. A