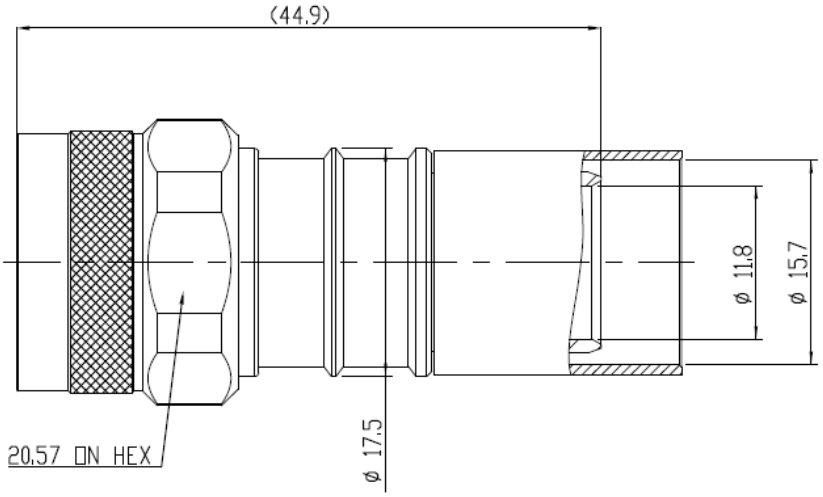
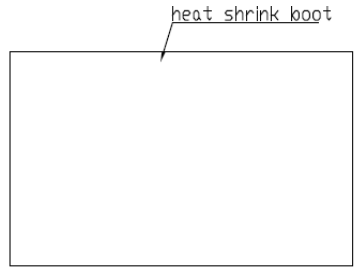
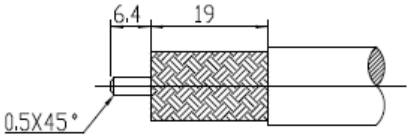
NOTICE OF PROPRIETARY RIGHTS THIS DOCUMENT CONTAINS CONFIDENTIAL TECHNICAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED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

| SYM | REVISION DESCRIPTION | DFTM | DATE | APPD | DATE |
|---|---|---|---|---|---|
| A | RELEASED FOR PRODUCTION | D. J. H. | 8/9/11 | J. D. B. | 8/16/11 |
| B | CHANGED PER CDC #36735 | N. N. N | 4/8/13 | J. D. B | 4/10/13 |
| C | CHANGED PER CDC #40601 | N. N. N | 8/26/14 | J. D. B | 9/10/14 |




1" diam.X2" long, heavy wall , adhesive lined polyolefin with a 3:1 shrink ratio.




Reference standard IEC60169-16

I、Electric Performance

| | |
|---|---|
| Nominal Impedance(Ω): | 50 |
| Frequency Range: | DC-6GHz |
| VSWR: | ≤1.25 |
| Insert Loss: | ≤ 0.1( DC-3GHz) |
| Insulation resistance (MΩ) | ≥5000 |
| Proof voltage (V) | 2500 |
| Conductor resistance (mΩ) | outer conductor <0.4<br>inner conductor <0.8 |

II、Mechanical Performance

| | |
|---|---|
| Nut torque | 5N.m |
| (Nut)Whorl pull | 500N |
| Tensile force(cable-connect) | 500N |
| Torsion(cable-connect) | 3N.m |

III、Material and plating :

| Component | Material | Plating |
|---|---|---|
| Inner conductor | Beryllium Bronze | Au50 micro inches over nickel 100 over copper |
| Outer conductor | Brass | Copper-tin-zin 100-150 micro inches |
| Tube: | copper | Copper-tin-zin 100-150 micro inches |
| Nut: | Brass | Copper-tin-zin 100-150 micro inches |
| Gasket: | Silicone rubber | |
| Insulator: | PTFE | |

IV、Environment

| | |
|---|---|
| Temp.range | -55℃~+155℃ |
| Weather standard | IEC 60068 55 / 155/ 56 |
| Thermal shock | US MIL-STD 202,Meth.107,Cond.B |
| Vibration | US MIL-STD 202,Meth.204,Cond.B |
| Shock | US MIL-STD 202,Meth.213,Cond.I |
| Waterproofing standard | IP67 |

V、Assembly: inner conductor installed and outer conductor crimped

VI、ROHS Compliant.

| | | | | | |
|---|---|---|---|---|---|
| MATL: , | UNLESS OTHERWISE SPECIFIED<br>ALL DIMENSIONS ARE IN mm<br>MACHINED SURFACES FINISH N/A RMS MAX.<br>REMOVE ALL BURRS N/A MAX. BREAK<br>MACHINE CORNERS N/A MAX. FILLET R.<br>TOLERANCES ON DECIMALS<br>.XX ± N/A .XXX ± N/A<br>ANGLES ± 1° FRACTIONS ± N/A | DFTM. D. J. H.<br>DATE 8/9/11<br>CHKD. J. D. B.<br>DATE 8/16/11<br>APPD. J. D. B. | TIMES MICROWAVE SYSTEMS<br>**EZ-600-NMH-X**<br>"N" MALE FOR LMR-600 CABLE<br>EZ/CRIMP/NO BRAID TRIM | | |
| USED ON: 1 – 1 | | | | | |
| SCALE: N/A | DWG. SIZE A<br>DO NOT SCALE DRAWING | CODE IDENT 68999 | DATE 8/16/11 | SHT. 1 of 1 | SD3190-2627 REV. C |