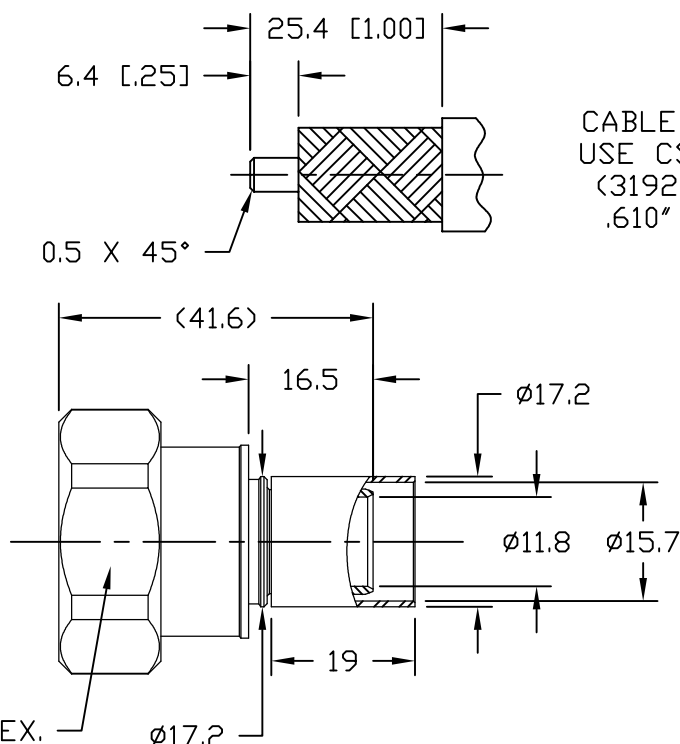


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| SYM | REVISION DESCRIPTION | DFTM | DATE | APPD | DATE |
|-----|-------------------------|--------|---------|--------|---------|
| A | RELEASED FOR PRODUCTION | K.A.M. | 5/23/11 | J.D.B. | 6/9/11 |
| B | CHANGED PER CDC #37302 | D.J.H. | 3/22/13 | J.D.B. | 3/25/13 |



CABLE PREP.
USE CST-600
(3192-052)
.610" HEX.

Reference Standard IEC60169-4

I. Electric Performance

| | |
|------------------------------------|----------------------------------------------|
| Nominal Impedance(Ω): | 50 |
| Frequency Range: | DC-3GHz |
| VSWR: | ≤ 1.15 |
| Insert Loss(dB): | ≤ 0.05 |
| Insulation resistance(M Ω) | ≥ 10000 |
| Proof Voltage(V) | 2500 |
| Conductor resistance(m Ω) | outer conductor <0.2 inner conductor <0.8 |

II. Mechanical Performance

| | |
|------------------------------|-------|
| Nut Torque | 25N.m |
| (Nut)Whorl pull | 1000N |
| Tensile force(cable-connect) | 500N |
| Torsion(cable-connect) | 5N.m |

III. Material and plating

| Component | Material | Plating |
|-----------------|-----------------|---------------------------|
| Inner conductor | Spring Copper | Ag 5 μ m |
| Outer conductor | Brass | Copper-tin-zinc 2 μ m |
| Tube | Copper | Copper-tin-zinc 2 μ m |
| Nut | Brass | Nickel 5 μ m |
| Gasket | Silicone Rubber | |
| Insulator | PTFE | |

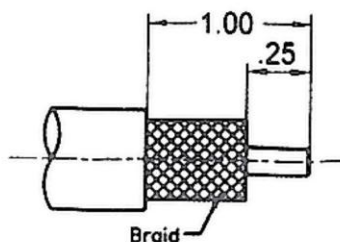
IV. Environment

| | |
|------------------------|--------------------------------|
| Temp. range | -55°C~+155°C |
| 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 | IP68 |
| ROHS Compliant | |

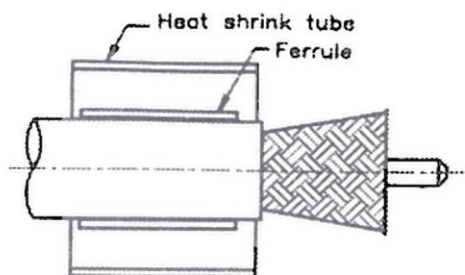
V. Assembly: inner conductor installed and outer conductor crimped

| | | | | | | | |
|----------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|--------------|-------------------------------------------------------------------------------|--------------------|
| MATL: | | UNLESS OTHERWISE SPECIFIED | | DFTM. K. A. M. | | TIMES MICROWAVE SYSTEMS | |
| | | ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH N/A RMS MAX. REMOVE ALL BURRS N/A MAX. BREAK MACHINE CORNERS N/A MAX. FILLET R. TOLERANCES ON DECIMALS .XX ± N/A .XXX ± N/A ANGLES ± 1° FRACTIONS ± N/A | | DATE 5/23/11 | | | |
| CHKD. J. D. B. | | | | | | | |
| DATE 6/9/11 | | | | | | | |
| APPD. J. D. B. | | | | | | | |
| USED ON: 0-0 | | | | | | EZ-600-716M-X 7-16 MALE FOR LMR-600 CABLE EZ/CRIMP/NO BRAID TRIM | |
| SCALE: N/A | | DWG. SIZE: A | DO NOT SCALE DRAWING | CODE IDENT: 68999 | DATE: 6/9/11 | SHEET: 1 of 1 | REV: SD3190-2643 B |

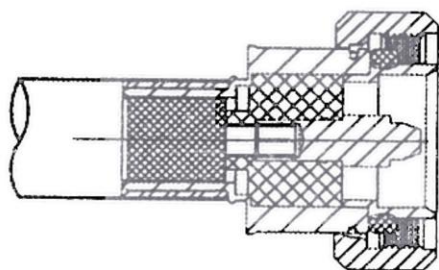
Installation Instruction



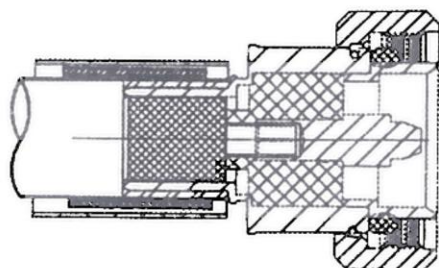
1. A. Trim cable to dimensions shown. Be careful to avoid nicking the braid
- B. Remove any residual plastic from center conductor
- C. Deburr center conductor using a fine file or Times DBT-U tools
- D. Avoid nicking aluminum tape or center conductor



2. A. Slide crimp ferrule and heat shrink tube over the cable
- B. Flare the braid



3. A. Insert Cable into connector body until dielectric is seated and center conductor is inserted fully into connector center pin.



4. A. Slide crimp ferrule over braid and crimp as close to body as possible using .429" HEX crimp tooling. Pay attention to the crimp area, do not crimp rear of crimp sleeve
- B. Heat shrink tube over rear of connector body and down on to cable jacket using hot air gun