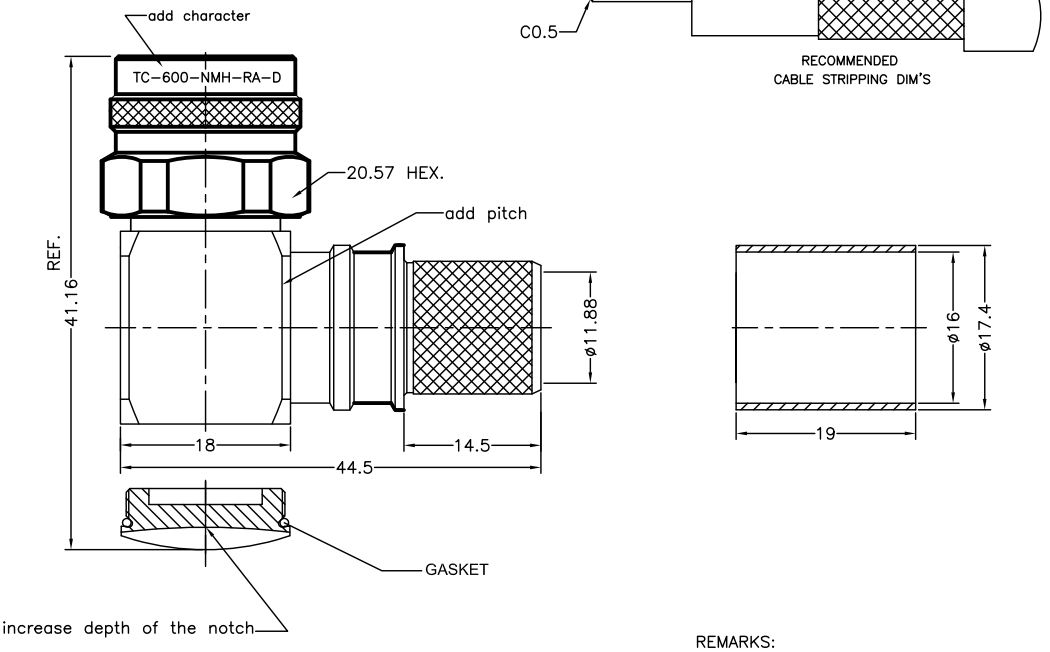
| SYM | REVISION DESCRIPTION | DFTM | DATE | APPD | DATE |
|---|---|---|---|---|---|
| A | RELEASED FOR PRODUCTION | K.A.M. | 5/18/10 | J.D.B. | 5/24/10 |




REMARKS:
CRIMP FERRULE FOR .610" HEX.

| MATERIALS AND PLATING | | UNIT: MICRO-INCHES |
|---|---|---|
| BODY,SHELL | BRASS C3604 | ALBALOY PL. 80µ " MIN. |
| CONTACT PIN | BRASS C3604 | GOLD 50µ "/ NICKEL/COPPER |
| INSULATOR | TEFLON MIL-P-19468 | |
| FERRULE | COPPER | ALBALOY PL. 80µ " MIN. |
| GASKET | SILICONE | RED |

| ELECTRICAL CHARACTERISTICS | |
|---|---|
| Impedance | 50 Ω |
| Voltage rating | 1000V(rms) |
| Frequency range | 0~6GHz |
| Dielectric withstanding voltage | 1500V |
| Contact resistance | Center contact: ≤3mΩ<br>Outer contact≤2m Ω |
| Insulation resistance | ≥5000MΩ |
| Insertion loss | According as the cable |
| RF- leakage | -90 dB up to 3 GHz |
| VSWR | ≤1.25 (DC-2.5GHz) |
| 3rd Intermodulation) | - |

| MECHANICAL CHARACTERISTICS | |
|---|---|
| Force to engage and disengage | 6 lbs MAX. |
| Center contact retention force | 6 lbs MIN. |
| Coupling torque | 30 in-lbs |
| Coupling nut retention force | 100 lbs |
| Durability | ≥ 500 cycles |

| ENVIRONMENTAL CHARACTERISTICS | |
|---|---|
| Temperature range | -55°C- +155°C |
| 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 |
| Climatic class | IEC 60068 65/165/21 |

MATL:

USED ON:
—

UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE IN mm
TOLERANCES ON DECIMALS
.X ± 0.2 .XX ± 0.1
ANGLES ± 3
SURFACE FINSH: 1.6µ

DFTM. K. A. M.
DATE 5/18/10
CHKD. J. D. B.
DATE 5/24/10
APPD. J. D. B.
DATE 5/24/10

TIMES MICROWAVE SYSTEMS

N MALE, RIGHT ANGLE
FOR LMR-600 CABLE

SCALE: ~ | DWG. SIZE A | DO NOT SCALE DRAWING | CODE IDENT 68999 | SHT. 1 of 1 | SD3190-2427 | REV. A