

## SPECIFICATIONS

### ORDERING INFORMATION

PLUG PN# 4601-6103-21  
JACK PN# 4602-6103-21

### ELECTRICAL

FREQUENCY RANGE \_\_\_\_\_ DC TO 3 GHz  
VSWR(MAX) \_\_\_\_\_ 1.20  
POWER \_\_\_\_\_ 1 WATTS (AVG)  
250 WATTS (PEAK)  
\* 5 µSec PULSE WIDTH @ 0.01 % DUTY CYCLE

IMPEDANCE: \_\_\_\_\_ 50 OHMS

### MECHANICAL

OPERATING TEMP RANGE \_\_\_\_\_ -65 TO +125°

#### Materials

Outer Conductor -Brass, Tri-Metal Alloy (White  
Bronze) Plated.  
Center Conductor -Beryllium Copper, Gold Plated  
Dielectric -Teflon per ASTM D1710.  
Resistor - Thin Film Hybrid

CONNECTORS ARE TO QMA INTERFACE AND MATE WITH  
ALL QMA MANUFACTURERS' STANDARD INTERFACES

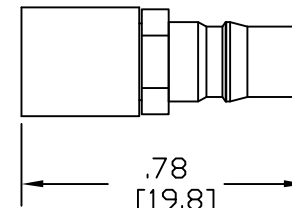
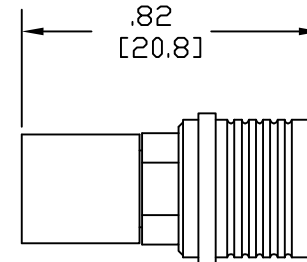
IP68 version is available - contact factory.  
Designs up to 10 Watts and up to 18 GHz available.

PRODUCTION  
RELEASE

NOTE:  
THIS DRAWING INCORPORATES  
THIRD ANGLE PROJECTION.  
INTERPRET IAW ANSI Y14.5-1982

#### REVISIONS

| LTR | DESCRIPTION | DATE     | APPROVED    |
|-----|-------------|----------|-------------|
| -   | RELEASED    | 06/22/11 | D. Saunders |



DRAWING PRACTICES PER ANSI-Y-14.5  
MIL-STD-100 & 2000  
DIMENSIONS ARE IN INCHES AND  
APPLY BEFORE/AFTER PROCESSING

SURFACE  
ROUGHNESS  
INCHES

FINISH  
SEE NOTES

MATERIAL  
SEE NOTES

UNLESS OTHERWISE SPECIFIED  
TOLERANCES IN:  
DECIMALS INCH DIM

.X" .05" [.76]  
.XX" .03" [.25]  
.XXX" .03 [.127]  
.XXXX"  
ANGLES

UNLESS OTHERWISE NOTED  
DIA CONCENTRIC <.003 T.I.R.

DRAWN  
T. MAIN  
CHECKED  
D. SAUNDERS  
ENGINEER APPR.  
D. SAUNDERS

DATE  
06/22/11  
DATE  
06/22/11  
DATE  
06/22/11  
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TITLE  
TERMINATION, 1 WATT  
QMA CONNECTOR SERIES  
SIZE B CAGE CODE 3HT76 DRAWING NUMBER 4601-6103-21  
SCALE 3:1 SHEET 1 OF 1

BCS1