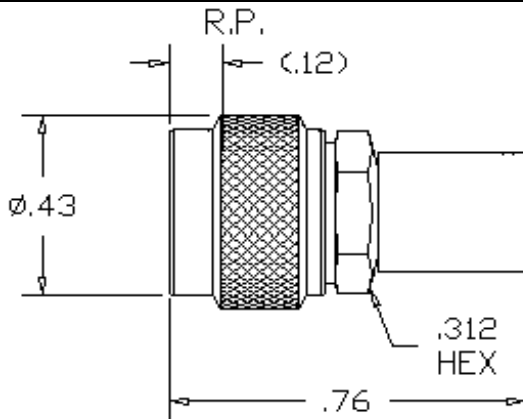


CONNECTOR TECHNICAL DATA SHEET



CONNECTOR SERIES: : FCC CABLE PLUG
 CENTER CONDUCTOR: : MALE PIN
 NOMINAL IMPEDANCE (OHMS) : 50
 SEPARATE CONTACT: : YES
 CABLE ACCOMIDATION : LMR-200
 :
 :
 CONTACT CAPTIVATION: : N/A
 CABLE ATTACHMENT: : CRIMP
 CONTACT ATTACHMENT: : SOLDER
 FREQUENCY RANGE: : DC TO 2.5 GHZ
 QPL SPECIFICATION: : N/A
 QPL EQUIVALENT: : N/A

ITEM	MATERIALS	FINISHES
BODY	: BRASS PER ASTM B16	: GOLD PLATE PER MIL-G-45204
NUT	: BRASS PER ASTM B16	: GOLD PLATE PER MIL-G-45204
NUT RING	: COPPER BERYLLIUM PER ASTM B196 OR B197	: NONE
GASKET	: SILICON RUBBER PER ZZ-R-765	: NONE
INSULATOR	: PTFE PER ASTM-D-1710	: NONE
CONTACT	: COPPER BERYLLIUM PER ASTM B196	: GOLD PLATE PER MIL-G-45204

MATING CHARACTERISTICS : 50 OHM PIN CONTACT PER TENSOLITE-STD-348-W310.1K
 MATING TORQUE : 7 TO 10 POUND INCHES
 MOUNTING TORQUE : N/A
 TEMPERATURE RANGE : -55 / +125 DEG C

ELECTRICAL:
 VSWR MAXIMUM : $1.05 * F^{.03}$ (F IN GHZ)
 INSERTION LOSS MAXIMUM : $0.015 * F^{.5}$ (F IN GHZ)
 IMPEDANCE : 50 OHMS NOMINAL
 D.C. RESISTANCE : 5,000 MOHMS MINIMUM

FEATURES
 * LOW VSWR THROUGH OPERATING FREQUENCY.
 * OVERSIZE .312-32 THREAD.
 * OVERSIZED BODY MATING DIAMETER.

* NOTE:
 * NOT FOR PUBLIC RESALE.
 * UNIQUE FOR CUSTOMER 1002 ONLY.
 * CUSTOMER PART NUMBER 000-957

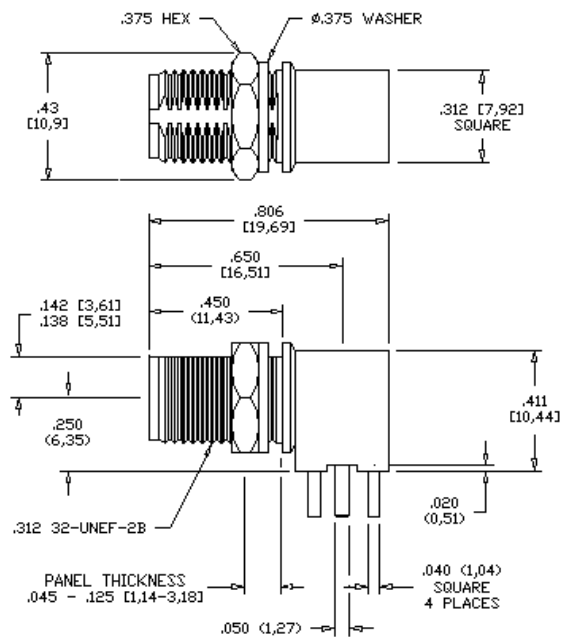
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 DATA SHEET REVISION: 3/19/2001

PART NUMBER: WAVR-STCP-MOD1

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DATA SUBJECT TO CHANGE

CONNECTOR TECHNICAL DATA SHEET



CONNECTOR SERIES: : FCC PCB RT.< JACK
 CENTER CONDUCTOR: : FEMALE SOCKET
 NOMINAL IMPEDANCE (OHMS): : 50
 SEPARATE CONTACT: : YES
 CABLE ACCOMMODATION: : N/A
 CONTACT CAPTIVATION: : 6 POUNDS
 BOARD ATTACHMENT: : SOLDER
 CONTACT ATTACHMENT: : SOLDER
 FREQUENCY RANGE: : DC TO 6 GHz
 QPL SPECIFICATION: : N/A
 QPL EQUIVALENT: : N/A

ITEM	MATERIALS	FINISHES
HARDWARE	: BRASS PER ASTM B16	: GOLD PLATE PER MIL-G-45204
BODY	: BRASS PER ASTM B16	: GOLD PLATE PER MIL-G-45204
INSULATOR	: PTFE PER ASTM-D-1710	: NONE
CONTACT	: COPPER BERYLLIUM PER ASTM B196	: GOLD PLATE PER MIL-G-45204

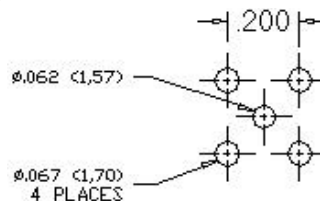
MATING CHARACTERISTICS : 50 OHM SOCKET CONTACT PER QMI-STD-348-W310.2
 MATING TORQUE : 7 TO 10 POUND INCHES
 TEMPERATURE RANGE : -55 / +125 DEG C
 MOUNTING TORQUE : 15 TO 18 POUND INCHES

ELECTRICAL:
 VSWR MAXIMUM : 1.05:1 +.07 * F^{.07} (F IN GHz)
 INSERTION LOSS MAXIMUM : 0.020 * F^{.5} (F IN GHz)
 IMPEDANCE : 50 OHMS NOMINAL
 D.C. RESISTANCE : 5,000 MOHMS MINIMUM

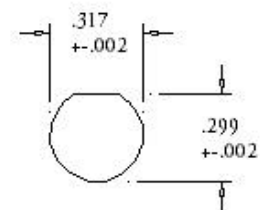
FEATURES

- * LOW VSWR THROUGH OPERATING FREQUENCY.
- * OVERSIZE .312-32 THREAD.
- * OVERSIZED BODY MATING DIAMETER.

- * NOTE:
- * NOT FOR PUBLIC RESALE.
- * UNIQUE FOR CUSTOMER 1002 ONLY.



Recommended Board



Recommended panel

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 DATA SHEET REVISION: 07/29/2000 PRELIMINARY #1

PART NUMBER: WAVR-PCAJ-MOD1