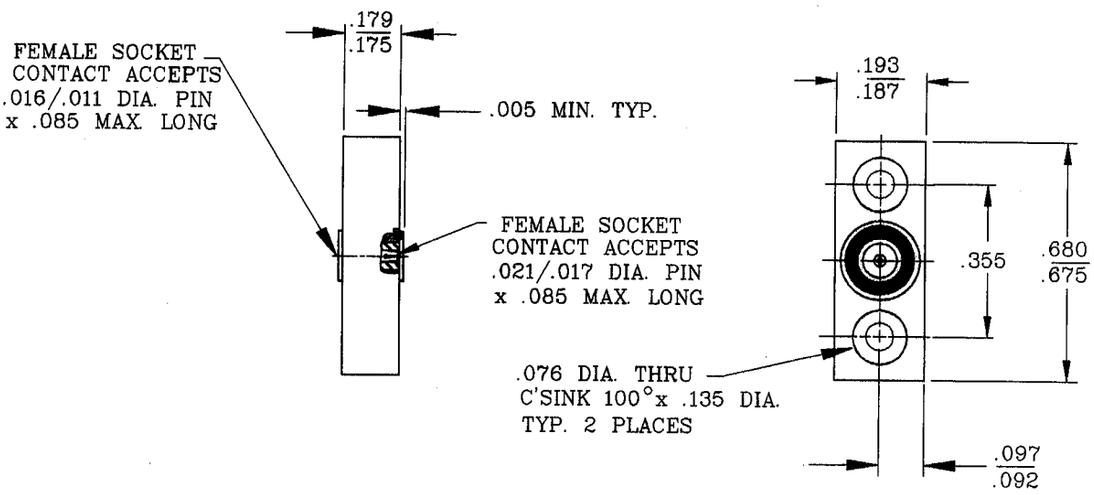
SPECIFICATION CONTROL DRAWING



1. MATING — NOT APPLICABLE

2. ELECTRICAL

FREQUENCY RANGE GHz	DC TO 38.0 GHz
VSWR (MAX.) ✱	1.05 + .006 x FGHz
INSERTION LOSS (dB MAX.) ✱	.03 dB x $\sqrt{FGHz}$
NOMINAL IMPEDANCE (OHMS)	50
VOLTAGE RATING (MAX. VRMS)	250
RF LEAKAGE (MIN. dB DOWN)	100 dB − FGHz
TEMPERATURE RATING (DEGREES CENTIGRADE)	−65°c TO + 165°c
DIELECTRIC WITHSTANDING VOLTAGE (MAX. VRMS)	750
INSULATION RESISTANCE (MIN. MEGOHMS)	5,000
CONTACT RESISTANCE	
• CENTER CONTACT (MAX. MILLIOHMS)	8.0
• OUTER CONTACT (MAX. MILLIOHMS)	2.0

✱ TERMINATED IN A 50 OHM LOAD

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REV.	DCN NO.	DATE	APP.
–	679	9/89	T.S.

DIMENSIONS ARE IN INCHES
TOLERANCES

DECIMALS	FRACTIONAL	ANGULAR
.X ± .030 .XX ± .010 .XXX ± .005	±1/64	X° ± 1° 0' X° X' ± 15'

SURFACE ROUGHNESS 63 √ MIL-STD 10.

dynawave INCORPORATED
GEORGETOWN MA. 01833

DRAWN T.S. DATE 9/89

APPROVED DGG DATE 9/89

TITLE
MIC. PKG. INTERCONNECT
.355 HOLE PATTERN

CODE IDENT. 2J899

SHEET 1 of 2

DWG. NO. 6352-0781-6233

SPECIFICATION CONTROL DRAWING

3. MECHANICAL

CAPTIVATION–CENTER CONTACT	
MAX AXIAL FORCE	4.0 LBS.
MAX. RADIAL TORQUE	N/A
CENTER CONTACT AXIAL FORCES	
● INSERTION (MAX. OUNCES)	32.0
● WITHDRAWAL (MIN. OUNCES)	1.0
CONNECTOR ENGAGEMENT/DISENGAGEMENT (MAX. IN. LBS.)	N/A
CONNECTOR DURABILITY (MIN. CYCLES)	N/A
RECOMMENDED MATING TORQUE	N/A

4. ENVIRONMENTAL

TEMPERATURE CYCLING	MIL–STD–202, METHOD 102, COND. C (–65 °c TO + 200°c)
SHOCK	MIL–STD–202, METHOD 213, COND. I (100 G's)
VIBRATION	MIL–STD–202, METHOD 204, COND. D (20 G's)
MOISTURE RESISTANCE	MIL–STD–202, METHOD 106, LESS STEP 7b
CORROSION	MIL–STD–202, METHOD 101, COND. B (48 HOURS)
BAROMETRIC PRESSURE (ALTITUDE)	MIL–STD–202, METHOD 105, COND. C (70,000 FT.) (190 VRMS)

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5. MATERIAL

BODY	STAINLESS STEEL PER ASTM A 582, TYPE 303, COND. A.
CONTACT	BERYLLIUM COPPER PER QQ–C–530, ALLOY 173, COND. H.T.
INSULATOR	TEFLON PER D 1457.
EMI GASKET	SILVER PLATED ALUMINUM IN SILICONE.

6. FINISH

BODY	PASSIVATE PER QQ–P–35A, TYPE I
CONTACT	GOLD PER MIL–G–45204, TYPE II, GRADE C, CLASS 2 (.000100 MIN. THK.) OVER NICKEL PER QQ–N–290, CLASS 1 (.000100 MIN. THK.) OVER COPPER PER MIL–C–14550 (.000010 MIN. THK.).
INSULATOR	N/A
EMI GASKET	N/A