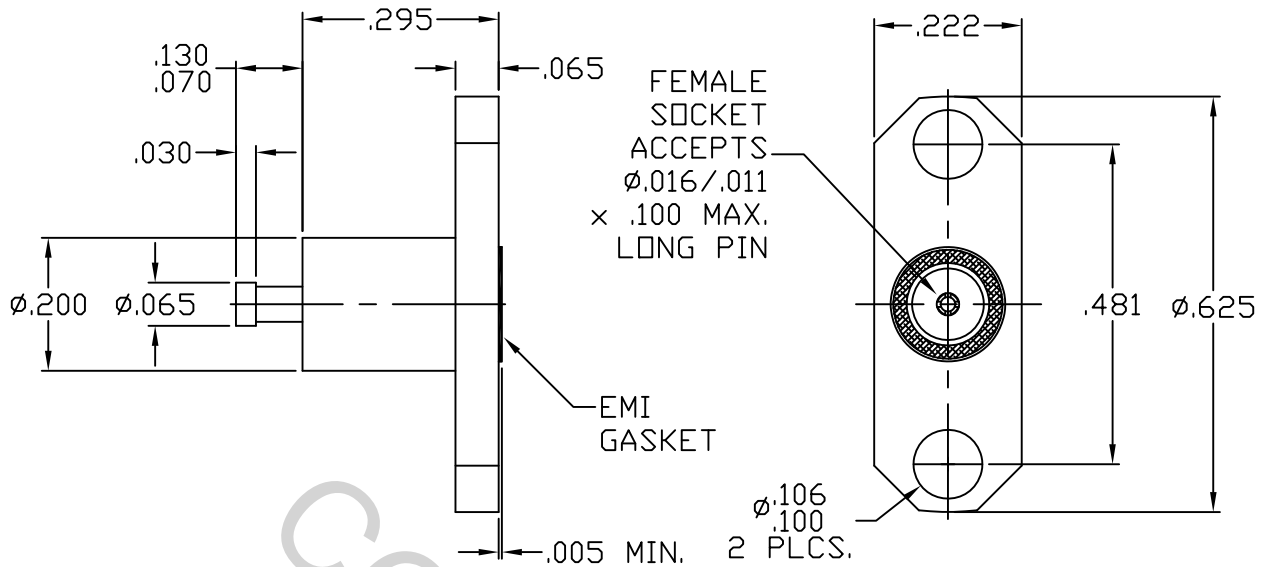
SPECIFICATION CONTROL DRAWING



CONFIDENTIAL

1. MATERIALS:
   BODY: BRASS PER ASTM B16, TEMPER H02, ALLOY C36000
   CONTACT & PROBE: BERYLLIUM COPPER PER ASTM B196-90, COPPER ALLOY No. UNS C17300
   INSULATOR: TEFLON PER ASTM D 1710
   EMI GASKET: CONDUCTIVE SILVER/SILICONE ELASTOMERS, 70 DUROMETER.
2. FINISH:
   BODY: NICKEL PER MIL-C-26074, CLASS 1
   CONTACT & PROBE: GOLD PER ASTM-B-488, TYPE II, CODE C, CLASS 0.25; OVER COPPER PER AMS-2418, CLASS 4
3. CAPACITANCE: 2000 pf. MIN. @ 1KHZ & +25° c
4. NO LOAD INSERTION LOSS: 6 GHz TO 18.0 GHz (2.5 x FGHz + 25) dB MIN.
5. VOLTAGE RATING MAX.: 125 VDC TO +125° c
6. CURRENT RATING MAX.: 15A (LOAD CURRENT) 0.3A (RF CURRENT)
7. DIELECTRIC WITHSTANDING VOLTAGE: 300 VDC FOR 5 SECONDS
8. OPERATING TEMPERATURE RANGE: -55° c TO +125° c
9. TERMINAL STRENGTH: MIL-STD-202, METHOD 211, COND.A, 5 LB. PULL TEST
10. VIBRATION: MIL-STD-202, METHOD 204, COND. D
11. SHOCK: MIL-STD-202, METHOD 213, COND.C
12. THERMAL SHOCK: MIL-STD-202, METHOD 107, COND.A, EXCEPT -55° c TO +125° c
13. INSULATION RESISTENCE (MIN.): 1000 MEGOHMS AT 100 VDC AND +125° C.
14. FEMALE SOCKET AXIAL FORCE: INSERTION- 40.0 OZ. MAX.
    WITHDRAWAL- 1.0 OZ. MIN.

RoHS COMPLIANT

This Document contains proprietary and confidential information.

REV.	DCN NO.	DATE	APP.
–	269	1/87	TS
A	877	7/92	CT
B	906	3/93	DGG
BA	06-2389	3/93	DGG
BB	08-1659	7/21/08	DGG
BC	18-2015	9/6/18	TS

DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS: .X ±.030, .XX ±.010, .XXX ±.005
FRACTIONAL: ±1/64
ANGULAR: X° ±1°0', X° X' ±15'
SURFACE ROUGHNESS 63 √ MIL-STD 10.

DRAWN TS DATE 1/87

APPROVED DGG DATE 1/87

CODE IDENT. 2J899

SHEET 1 OF 1

dynawave INCORPORATED
HAVERHILL MA. 01835

TITLE
DC BIAS/RF SUPRESSION FILTER, 2,000 pf. (MIN.) CAPACITANCE, (2) HOLE FLANGE

DWG. NO. 6652-0789-2715