

**Thermal Performance (STANDARD FR-4):**

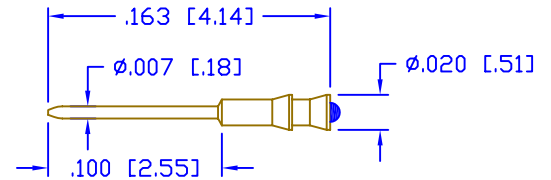
Operating Temperature [range] (To): -55° to 140° C  
 Glass Transition Temperature [range] (Tg) : 150° to 200° C  
 Resistance to Soldering Heat [Thermal Stress]: 10 seconds @ 288° C  
 Flammability rating: UL94V-0  
 IEC Climatic Category: 55 / 125 / 21  
 Autoclaveable

**Electrical Performance: \*Tests IAW MIL-STD-202 OR -1344 Methods.**

Maximum Voltage: 50 VAC/60 VDC  
 Maximum Current: 1 Ampere per contact  
 Contact Resistance: Dry Circuit\*: 10 milliohms Max. @ 10 milliamperes/5VDC  
 Insulation Resistance, @500VDC\*: 5,000 MegOhms Min.  
 Dielectric Withstanding Voltage\*: 500VAC Min.  
 Capacitance\*: 1 pf (PicoFarads) Max.  
 Self Inductance: 2 nH (NanoHenries) Max.

**Contact Materials & Finishes (Other finishes available):**

Bodies: Brass Alloy C36000 per ASTM-B16,  
 Plated 10uIN Min. Gold over 100uIN Min. Nickel  
 Solder Balls: 63/37 (Sn/Pb) Eutectic Solder, Ø.010  
 Melting Temperature 183°C[361°F]



P/N 0108

0900 - 0049 F P - 0108 - 07A\*

PRODUCT CODE      PIN COUNT      MAT'L      GENDER      CONTACT P/N      PATTERN CODE

0900 = BALL PIN GRID ARRAY [ BPGA ]

SEE PATTERN

- A = ACRYLIC
- E = PEEK (POLYETHERETHERKETONE)
- F = FR-4
- H = POLYIMIDE, GLASS FILLED
- R = RYTON (POLYPHENYLENE SULFIDE)
- U = ULTEM (POLYETHERIMIDE)

PIN = P

SEE CONTACT CODES

CONSULT  
FACTORY

01A1 - 99Z9

OVER 24,000  
PATTERNS  
AVAILABLE