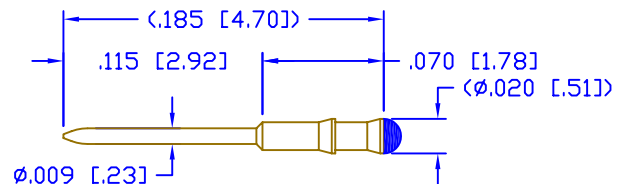


Thermal Performance (STANDARD FR-4):

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: 3 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.



P/N 0102

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 - Ø.020 [User Specified]
 Melting Temperature 183°C[361°F]

0900 - 0049 F P - 0102 - 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