

Thermal Performance (STANDARD FR-4):

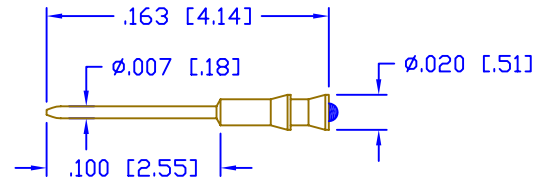
Operating Temperature [range] (To): -55° to 140° C
 Glass Transition Temperature [range] (Tg): 150° to 200° C
 Resistance to Soldering Heat [Thermal Stress]: 10 seconds @ 288° C
 Flammability rating: UL94V-0
 IEC Climatic Category: 55 / 125 / 21
 Autoclaveable

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

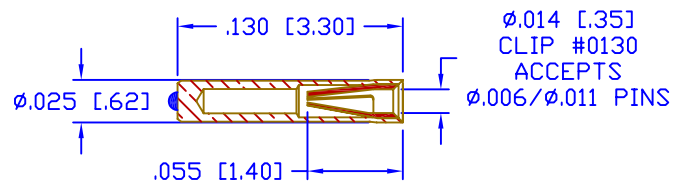
Maximum Voltage: 50 VAC/60 VDC
 Maximum Current: 1 Ampere per contact
 Contact Resistance: Dry Circuit*: 10 milliohms Max. @ 10 milliamperes/5VDC
 Insulation Resistance, @500VDC*: 5,000 MegOhms Min.
 Dielectric Withstanding Voltage*: 500VAC Min.
 Capacitance*: 1 pf (PicoFarads) Max.
 Self Inductance: 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
 Clips: Beryllium Copper Alloy C17200 per ASTM-B194
 Plated 30uIN Min. Gold over 50uIN Min. Nickel
 Solder Balls: 63/37 (Sn/Pb) Eutectic Solder, Ø.010
 Melting Temperature 183°C[361°F]



P/N 0108



Ø.014 [0.35]
 CLIP #0130
 ACCEPTS
 Ø.006/Ø.011 PINS

P/N 0116

1000 - 0049 F S - 0116 - 07A*

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

1000 = SOCKET, BALL GRID ARRAY [SBGA]
 0900 = BALL PIN GRID ARRAY [BPGA]

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

PIN = P
 SOCKET = S
 HYBRID = H
 NONE = X

SEE CONTACT CODES
 CONSULT
 FACTORY

01A1 - 99Z9
 OVER 24,000
 PATTERNS
 AVAILABLE