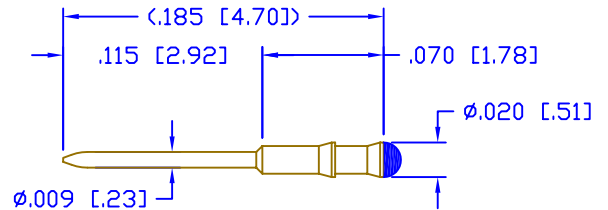


Thermal Performance (STANDARD FR-4):

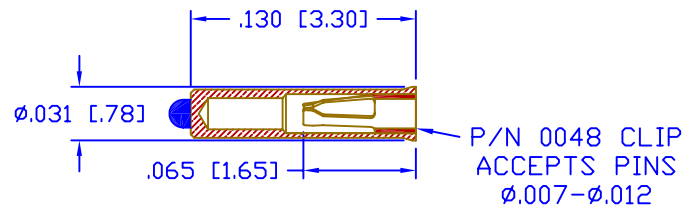
Operating Temperature [range] (To):	-55° to 140° C
Glass Transition Temperature [range] (Tg) :	150° to 200° C
Resistance to Soldering Heat [Thermal Stress]:	10 seconds @ 288° C
Flammability rating:	UL94V-0
IEC Climatic Category:	55 / 125 / 21
Autoclaveable	



P/N 0102

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 0103

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 10uIN Min. Gold over 50uIN Min. Nickel
Solder Balls:	63/37 (Sn/Pb) Eutectic Solder, Ø.010 - Ø.020 [User Specified] Melting Temperature 183°C[361°F]

1000 - 0049 F S - 0103 - 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)
F = FR-4
H = POLYIMIDE, GLASS FILLED
R = RYTON (POLYPHENYLENE SULFIDE)
U = ULTEM (POLYETHERIMIDE)

PIN = P
SOCKET = S
HYBRID = H

SEE CONTACT CODES

CONSULT
FACTORY

01A1 - 99Z9
OVER 24,000
PATTERNS
AVAILABLE