



Ironwood
ELECTRONICS

Burn-In

Applications



Manufactured using precision injection-molded housings with machined inserts, Ironwood BI sockets are perfect for mid to high-volume low-cost burn-in applications, in the smallest possible footprint. Various contacts are available supporting pitches from 0.3mm to 1.27mm, for packages with or without leads.

FEATURES AND BENEFITS

D, V, P shaped contacts	Compliant with various package leads
Contact material: BeCu /Ni Pd alloy	High current capability, high durability and low contact resistance
Housing material: PEI, PES	High insulation resistance and no current leakage
Injection molded housing	Precise contact location – tight positional tolerance
Clamshell lid	Easily load and unload devices
Integrated heat sink screw	Reach set temperature quickly

SPECIFICATIONS

Mechanical

Force per contact	30 to 70 grams
Life cycles	>10 K
Contact compliance	0.2 mm to 0.25 mm

Electrical

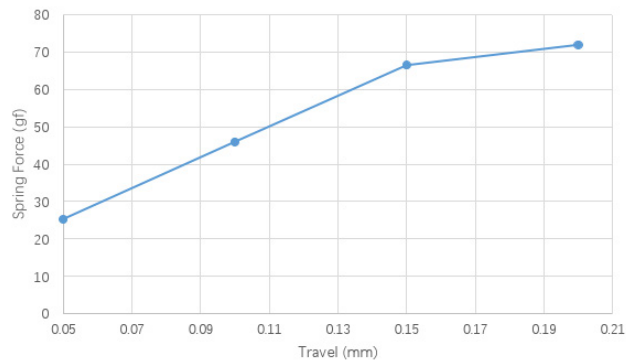
Insulation resistance at DC 500V	1000 M Ω or higher
Maximum voltage	AC300V RMS (for 1 minute)
Current leakage	<1pA@10V
Current carrying capacity	5 A
Contact resistance	35 mOhms

Material

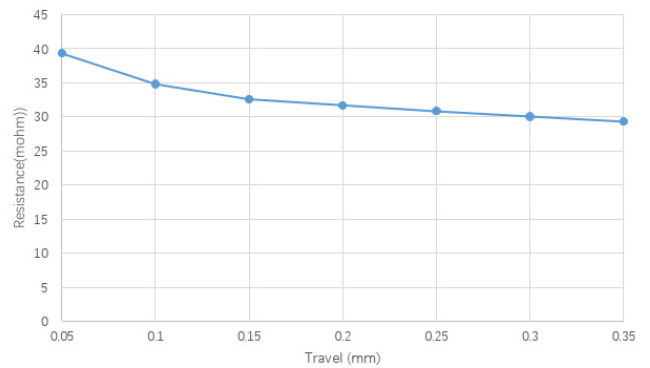
Operating temperature	-55°C to +155°C
Housing	PEI, PES
Contact	BeCu /Ni Pd alloy

PERFORMANCE

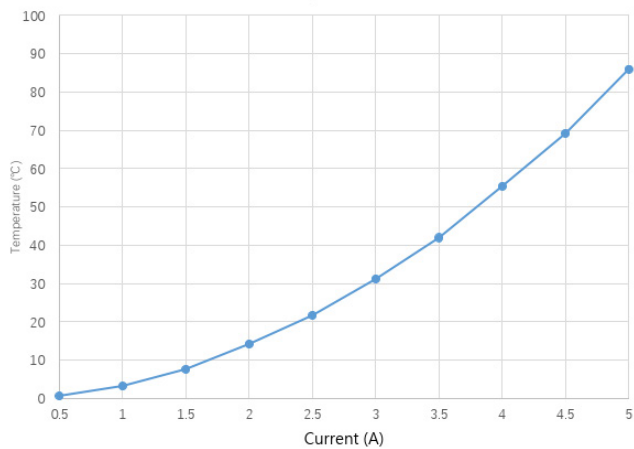
Spring Force



Resistance Test



Temperature rise(°C)



Life Span

