

SPECIFICATIONS

MATERIALS:

Pin Contacts:	Brass per ASTM B16, B121, B453, B455
Diameter:	0.018"
Socket Contacts:	
Contact Wires:	BeCu PER ASTM B197/B197M-07, C17200
Terminations & Support Elements:	Brass per ASTM B16, B121, B453, B455
Hardware:	Corrosion resistant steel per ASTM A582
Insulator:	
Pin Carrier:	GR Polyester, Disposable
Plug & Receptacle:	GR Polyphthalamide, V0 rated

FINISHES:

Pin Contacts:	Gold per MIL-DTL-45204 Type II, Class 1 (.000050), Grade C over Nickel, 0.000050 min., per SAE-AMS-QQ-N-290 over Copper per SAE AMS 2418
Socket Contacts:	
Contact Wires:	Gold per MIL-DTL-45204 Type II, Class 1 (.000050), Grade C over Nickel, 0.000050 min., per SAE-AMS-QQ-N-290 over Copper per SAE AMS 2418
Terminations:	Gold per MIL-DTL-45204 Type II, Class 0.50 (.000020), Grade C over Nickel, 0.000050 min., per SAE-AMS-QQ-N-290 over Copper per SAE AMS 2418
Support Elements:	Nickel, 0.000050 min., per SAE-AMS-QQ-N-290 over Copper per SAE-AMS2418
Hardware:	Passivate per SAE-AMS2700

PERFORMANCE:

Current Rating:	2.5* ampere continuous (higher ratings may be supported-contact factory)
Insulation Resistance:	>5000 megohms
Contact Resistance:	<5 milliohm
Test Voltage (DWV):	>1000 VRMS
Operating Temperature:	-65°C to +125°C
Mating Force:	0.5 oz. avg.
De-mating Force:	>0.2 oz.
Durability:	100,000 mating cycles
Solderability:	IPC/EIA J-STD-002, Category 3

DIMENSIONS:

Catalog product dimensions are nominal.
For linear and positional tolerances, contact factory.

* Ampacity ratings shown are derated in accordance with the published military specifications. For stand-alone, full service ratings, supported by test data, please refer to IEH's Contacts Catalog, or contact the factory.

All information contained herein is believed to be reliable as of the date of publication, but is subject to change without notice. Current product drawings and specifications are available upon request from IEH.

IEH warrants its products to be free of defects affecting normal use. If any shipment is found to be defective we will accept return for repair or replacement at our option within one year of shipment. IEH is not responsible for incidental or consequential damages arising out of the use of our products.