






QFN / LGA
 • < 0.1 nH Inductance
 • 15.7GHz Bandwidth
 • Standard Outline



QFN / LGA / SO
 • 2.95 amp CCC
 • 15.7GHz Bandwidth
 • Compact Footprint



QFN / LGA / BGA
 • <16 mΩ Resistance
 • 23.3GHz Bandwidth
 • Maximum Flexibility

GENERAL INFORMATION				
Universal Socket Body		Clamshell	Clamshell	Clamshell
Package Size in Clamshell		Up to 6mm Body	Up to 12mm Body	Up to 25mm Body
Pitch		.5mm to 1.27mm+	.5mm to 1.27mm+	.5mm to 1.27mm+
Mounting to PCB		Compression mount	Compression mount	Compression mount
Contact Technology		 H038	 H038	 H038-H077
Maximum # of Contacts		144	200	784
MECHANICAL PROPERTIES				
Operating Temperature: -55°C to +180°C		✓	✓	✓
Stamped BeCu Contact, SS coil spring		✓	✓	✓
Mechanical Life: 50,000 cycles		✓	✓	✓
ELECTRICAL PROPERTIES				
Contact Resistance:	<35 mΩ <30 mΩ <16 mΩ	✓	✓	✓ ✓ ✓
Current Rating (free air):	<2.9 amps <3 amps <4 amps	✓	✓	✓ ✓ ✓
Self Inductance:	<0.88 nH <0.95 nH <0.93 nH	✓	✓	✓ ✓ ✓
Capacitance:	<0.097 pF <0.284 pF <0.190 pF	✓	✓	✓ ✓ ✓
Bandwidth @ -1dB:	<15.7 GHz <18.1 GHz <23.3 GHz	✓	✓	✓ ✓ ✓