Series 57 Quick-Release Universal Zero-Insertion-Force DIP Test Socket

FEATURES
- Accepts Devices on 0.300 to 0.600 [7.62 to 15.24] Centers
- All Pin Count Sockets go into PCB with either 0.300 or 0.600 [7.62 or 15.24] Centers
- Quick-release Handle Swings Down to Open Contacts for Device Insertion; Releasing Handle Automatically Returns to Close onto Device Leads
- Handle Mounted on either Right- or Left-hand Side
- Solder into PCBs or Plugged into Any Socket

GENERAL SPECIFICATIONS
- STANDARD SOCKET BODY: Black UL 94V-0 Glass-filled Polyphenylene Sulfide (PPS)
- HIGH-TEMP SOCKET BODY: natural color Polyetheretherketone (PEEK)
- HANDLE: Stainless Steel
- HANDLE KNOB: Brass 360, 1/2-hard (no Knob on Loop handle)
- CONTACT MATERIAL: BeCu 172 per QQ-C-553; Spinodal; BeNi 360, 1/2-hard
- ALL BeCu CONTACTS: 50μ [1.27μ] min. Ni under plate per QQ-N-290, over plated with 200μ [5.08μ] min. matte Sn per ASTM B545-97; –OR– 200μ [5.08μ] min. 90/10 Sn/Pb per MIL-T-10727-11 10μ [0.25μ] min. Au per MIL-G-45204
- SPINODAL CONTACT PLATING: 50μ [1.27μ] min. NiB
- HIGH-TEMPERATURE BeNi CONTACT PLATING: 50μ [1.27μ] NiB
- CONTACT CURRENT RATING: 1 amp
- INSULATION RESISTANCE: 1000 MΩ min.
- DIELECTRIC WITHSTANDING VOLTAGE: 1000 VAC
- LIFE CYCLE: 25,000 to 50,000 cycles
- RETENTION FORCE (closed): 55g/pin based on a 0.020 [0.51] dia. test lead
- ACCEPTS LEADS: 0.015-0.035 [0.38-0.89] wide, 0.110-0.280 [2.79-7.11] long

MOUNTING CONSIDERATIONS
- See SOCKET FOOTPRINT below

ORDERING INFORMATION

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<th>57 X-X X</th>
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<tbody>
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<td>Plating</td>
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<tr>
<td>0 = Sn over Ni</td>
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<tr>
<td>0TL = Sn/Pb over Ni</td>
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<td>1 = Au over Ni</td>
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<tr>
<td>6 = NiB (Spinodal)</td>
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<td>8 = Hi-temp Socket</td>
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<td>Termination</td>
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<td>1 = Solder Pin Tail</td>
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<td>45° Handle Options</td>
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<tr>
<td>0 = Long Handle, Right Side</td>
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<td>1 = Long Handle, Left Side</td>
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<tr>
<td>2 = Short Handle, Right Side</td>
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<td>3 = Short Handle, Left Side</td>
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<td>4 = Loop Handle, Right Side</td>
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<td>5 = Loop Handle, Left Side</td>
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Row-to-Row Spacing (btm)
3 = 0.300 [7.62] 6 = 0.600 [15.24] (Std)

Pins
24, 28, 32, 36, 40, 42, 44, 48

* Hi-Temp Socket Only

ALL DIMENSIONS: INCHES [MILLIMETERS]
ALL TOLERANCES: ±0.005 [0.13] UNLESS OTHERWISE SPECIFIED
FITS TEST SOCKET RECEPTACLE XX-6556-XX, SEE DATA SHEET 10003
CONSULT FACTORY FOR OTHER SIZES AND CONFIGURATIONS

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