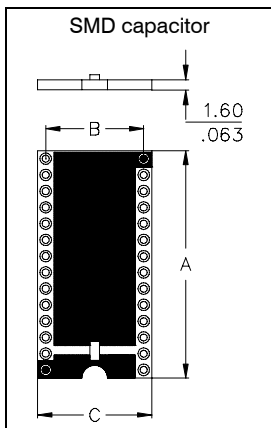
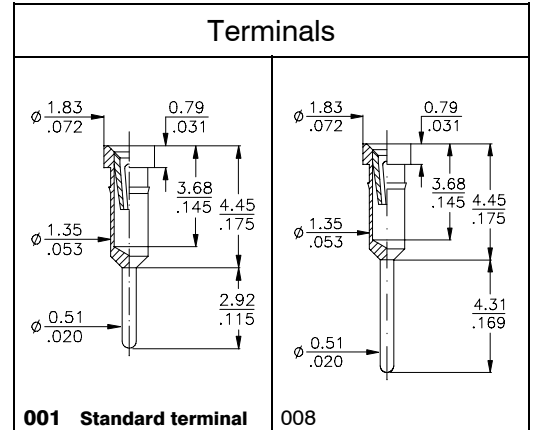
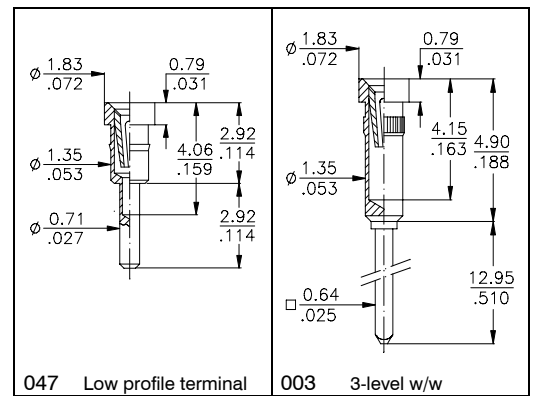


Pin	"A"	"B"	"C"	Ordering code
8	10,16/.400	7,62 .300	10,16 .400	<b>QIT-308-W001-95</b>
14	17,78/.700			<b>QIT-314-W001-95</b>
16	20,32/.800			<b>QIT-316-W001-95</b>
18	22,86/.900			<b>QIT-318-W001-95</b>
20	25,40/1.00			<b>QIT-320-W001-95</b>
24	30,48/1.20			<b>QIT-324-W001-95</b>
28	35,56/1.40	15,24 .600	17,78 .700	<b>QIT-328-W001-95</b>
24	30,48/1.20			<b>QIT-624-W001-95</b>
28	35,56/1.40			<b>QIT-628-W001-95</b>
32	40,64/1.60			<b>QIT-632-W001-95</b>
40	50,80/2.00			<b>QIT-640-W001-95</b>



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other terminals & pin-outs on request

### Socket Specifications

#### Mechanical data

Insertion force 1,80 N (avg)  
 Extraction force (standard) 0,90 N (avg)  
 Contact life > 100 cycles  
 Solder ability exceeds MIL-STD-202 Methode 208  
 Water absorption during 24hrs at 20°C 0,05%  
 Contact security:  
 -Vibration (MIL-STD-202 Method 204 B) 20g  
 -Shock (MIL-STD-202 Method 202 C) 150g

#### Material

Insulator (RoHS compliant) high temp plastic UL 94 V-0 (wired version); epoxy FR 4 for SMD  
 Terminal (RoHS compliant) CuZn  
 Contact (RoHS compliant) BeCu

#### Electrical data

Contact resistance at 1A 4,3 mΩ typ.  
 Current rating 1A max.  
 Contact capacitance at 1MHz 2 pF max.  
 Insulation resistance at 500V DC 5 × 10<sup>9</sup> Ω min.  
 Breakdown voltage at 60 Hz 1 KV min.  
 (MIL-STD-1344 Methode 3003)  
 (MIL-STD-1344 Methode 3001.1)  
 Contact resistance after 1000 ins./ext. cycles ≤7 mΩ

#### Operating temperature

Pitch 2,54 mm (.100")  
 -25°C to +85°C

### Capacitor Specifications

#### General data

Ceramic material Z5U  
 Voltage 50 V

#### Available capacitor values

Standard type 100nF (0.1 μF)  
 Alternatives: 10nF (0.01 μF)

### How to order

QIT - x x x - X x x x - 95 (/ x)

