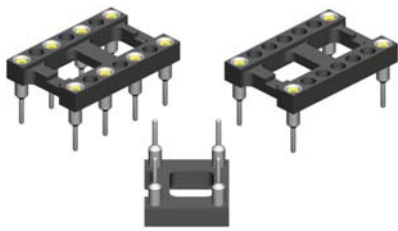


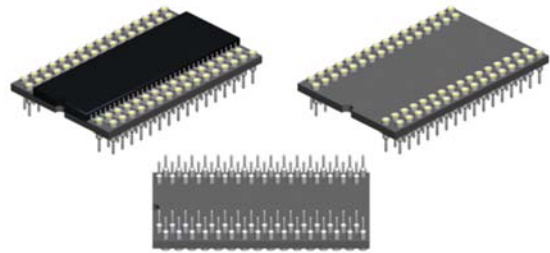
# Crystal Oscillator and Quad-in-Line Sockets



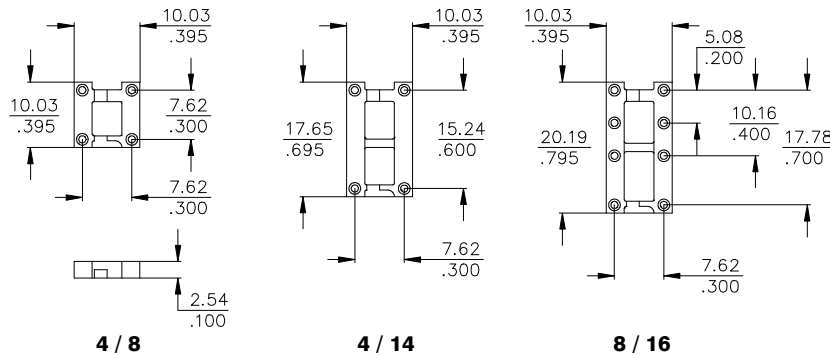
## Crystal Oscillator Sockets



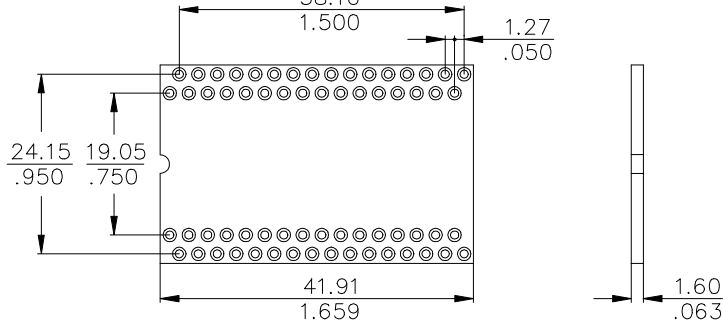
## Quad-in-line Sockets



### Crystal Oscillator Socket

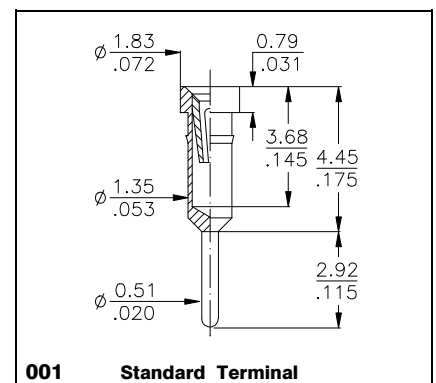


### Quad-in-Line Socket



### Crystal Oscillator Sockets

Pin	Ordering Code
4 / 8	<b>COS-084-S001-95</b>
4 / 14	<b>COS-144-S001-95</b>
8 / 16	<b>COS-168-S001-95</b>



### Quad-in-line Socket

Pin	Ordering Code
64	<b>QIL-764-S001-95</b>
for Rockwell & NEC Chip	

Other pin-outs available on request.

## Specifications

### Mechanical data

Insertion force	1,80 N for COS & 0.70N for QIL
Extraction force	0,90 N for COS & 0.25N for QIL
Contact life	> 100 cycles
Solderability	as per IEC 60068-2-58
Contact security:	
-Vibration	as per EN60352-4
-Shock	as per EN60352-4

### Material

Insulator (RoHS compliant)	COS Series: hi temp plastic UL 94 V-0
Terminal (RoHS compliant)	QIL Series: PBT plastic UL 94 V-0
Contact (RoHS compliant)	CuZn
	BeCu

### Electrical data

Contact resistance at 1A	4,3 mΩ typ.
Current rating	1A max., 100V
Contact capacitance at 1MHz	2 pF max.
Insulation resistance at 500V DC	5 × 10 <sup>9</sup> Ω min.
Breakdown voltage at 60 Hz	500 V AC
Contact resistance	≤ 7 mΩ
Operating temperature	-55° C to +125° C
Pitch	2,54 mm (.100")

**More information, for example about testresult please ref. to page 49 or contact E-tec.**

## How to order

**XXX - xxx - S001 - 95**

### Series

<b>COS</b>	= Crystal Oscillator Socket
<b>QIL</b>	= Quad in line Socket

### Nbr of contacts & pitch

Refer to above table.  
Other configurations on request.

### Terminal style

see drawing

### Plating

**- 95** = tin/gold  
(tin leadfree)