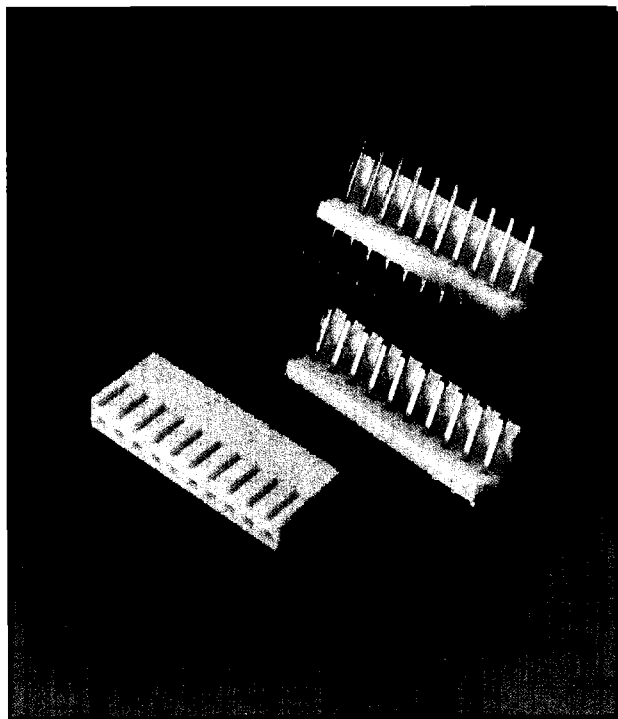




Features

◆ 3940 Housing:

Available in 2 through 20 circuits

Polarized with locking ramp

Nylon 6/6 UL94V-0

Accepts Leoco 3973, 3978, 3979 and 3983 Crimp terminal

Mates with Leoco 3941 and 3986 header

◆ 3941 Header:

Available in 2 through 20 circuits

Polarized with friction lock

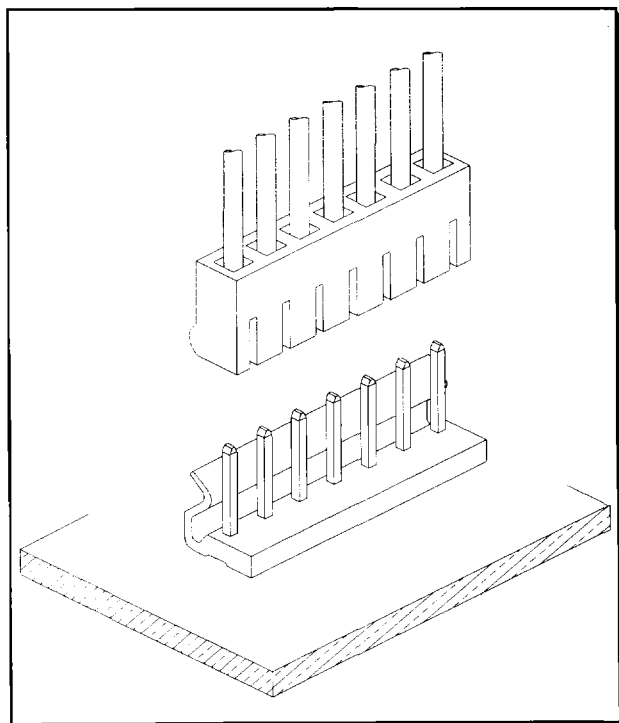
Pin length and plating options are available

Pin omit options are available in any circuit

Nylon 6/6 UL94V-0

1.14mm(.045") square pin or round pin

Mates with Leoco 3940 socket



Specifications

◆ Current rating: 5A AC, DC

◆ Voltage rating: 250V AC, DC

◆ Temperature rating: -40°C ~ +105°C

◆ Contact resistance:

Initial: 20mΩ max.

After environmental test: 40mΩ max.

◆ Insulation resistance:

Initial: 1,000MΩ min.

After humidity and thermal shock test: 500MΩ min.

◆ Withstanding voltage: 1,500V AC /minute

◆ Applicable wire: AWG 18 to 26

◆ Applicable PC board thickness: 1.6mm

Standards



Recognized No. E82349



Certified No. LR65731



Licensed No. R9052134

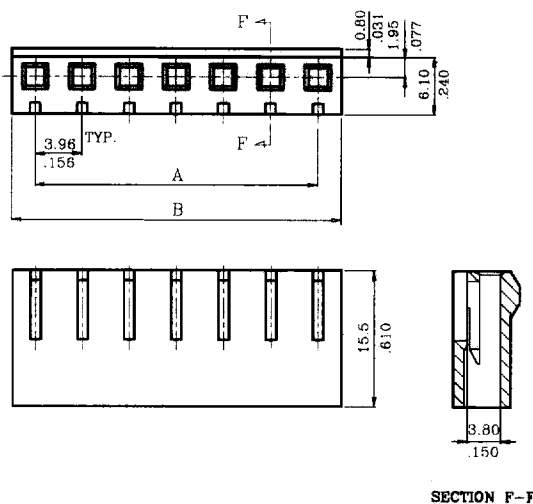
3940 Series 3.96mm(.156") Crimp Type Socket



Unit : $\frac{\text{mm}}{\text{inch}}$

Dimensional & Ordering Information:

Circuits	Part No.	Dimension	
		A	B
2	3940S020000	3.96(.156)	8.50(.335)
3	3940S030000	7.92(.312)	12.50(.491)
4	3940S040000	11.88(.468)	16.40(.647)
5	3940S050000	15.84(.624)	20.40(.803)
6	3940S060000	19.80(.780)	24.40(.959)
7	3940S070000	23.76(.936)	28.30(1.115)
8	3940S080000	27.72(1.091)	32.30(1.271)
9	3940S090000	31.68(1.247)	36.20(1.427)
10	3940S100000	35.64(1.403)	40.20(1.583)
11	3940S110000	39.60(1.559)	44.20(1.739)
12	3940S120000	43.56(1.715)	48.10(1.894)
13	3940S130000	47.52(1.871)	52.10(2.050)
14	3940S140000	51.48(2.027)	56.00(2.206)
15	3940S150000	55.44(2.183)	60.00(2.362)
16	3940S160000	59.40(2.339)	64.00(2.518)
17	3940S170000	63.36(2.494)	67.90(2.674)
18	3940S180000	67.32(2.650)	71.90(2.830)
19	3940S190000	71.28(2.806)	75.80(2.986)
20	3940S200000	75.24(2.962)	79.80(3.142)



3941 Series 3.96mm(.156") Header

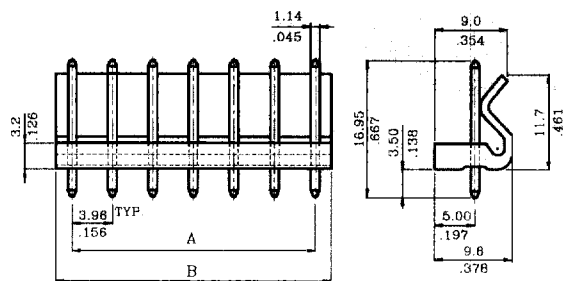


Unit : $\frac{\text{mm}}{\text{inch}}$

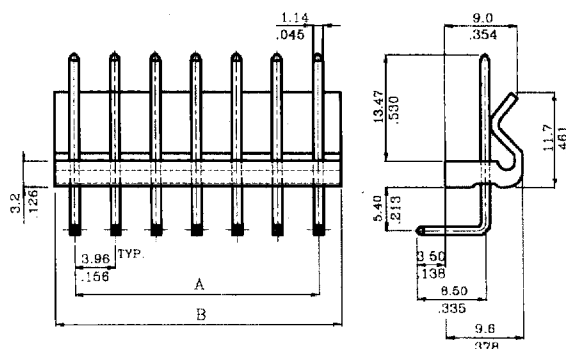
Dimensional & Ordering Information:

Circuits	Part No.			Dimension	
	Straight		Right Angle	A	B
	Square Pin	Round Pin	Square Pin		
2	3941P02V000	3941P02R000	3941P02H000	3.96(.156)	7.90(.311)
3	3941P03V000	3941P03R000	3941P03H000	7.92(.312)	11.90(.469)
4	3941P04V000	3941P04R000	3941P04H000	11.88(.468)	15.80(.622)
5	3941P05V000	3941P05R000	3941P05H000	15.84(.624)	19.80(.780)
6	3941P06V000	3941P06R000	3941P06H000	19.80(.780)	23.80(.937)
7	3941P07V000	3941P07R000	3941P07H000	23.76(.936)	27.70(1.091)
8	3941P08V000	3941P08R000	3941P08H000	27.72(1.091)	31.70(1.248)
9	3941P09V000	3941P09R000	3941P09H000	31.68(1.247)	35.60(1.402)
10	3941P10V000	3941P10R000	3941P10H000	35.64(1.403)	39.60(1.559)
11	3941P11V000	3941P11R000	3941P11H000	39.60(1.559)	43.60(1.717)
12	3941P12V000	3941P12R000	3941P12H000	43.56(1.715)	47.50(1.870)
13	3941P13V000	3941P13R000	3941P13H000	47.52(1.871)	51.50(2.028)
14	3941P14V000	3941P14R000	3941P14H000	51.48(2.027)	55.40(2.181)
15	3941P15V000	3941P15R000	3941P15H000	55.44(2.183)	59.40(2.339)
16	3941P16V000	3941P16R000	3941P16H000	59.40(2.339)	63.40(2.496)
17	3941P17V000	3941P17R000	3941P17H000	63.36(2.494)	67.30(2.650)
18	3941P18V000	3941P18R000	3941P18H000	67.32(2.650)	71.30(2.807)
19	3941P19V000	3941P19R000	3941P19H000	71.28(2.806)	75.20(2.961)
20	3941P20V000	3941P20R000	3941P20H000	75.24(2.962)	79.20(3.118)

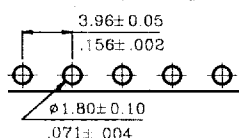
Straight (V version)



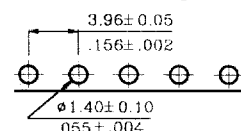
Right Angle (H version)



For square pin



For round pin



RECOMMENDED HOLE PATTERN