

.100 (2.54) x .200 (5.08) Centerline With Cantilever Contact

ES Type, Solder Straight Posts

P/N Description

ES 0 49 0 1 - K1

1	2	3	4	5	6
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1 Series Prefix
.100 x .200/Less (Cantilever)

2 Termination Type
0: Straight Solder Tail

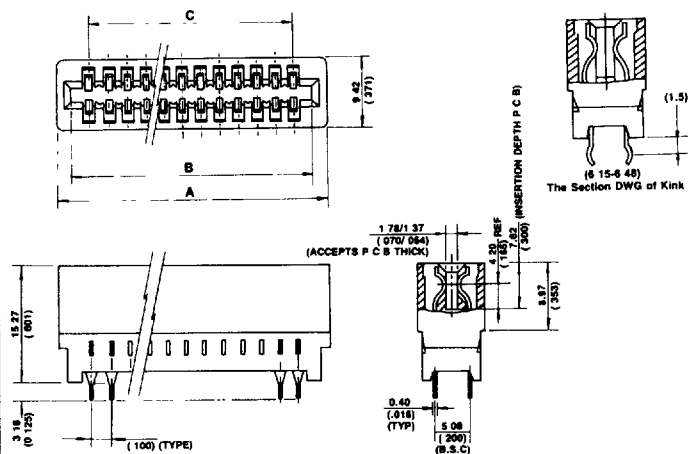
3 Contact Positions
18 = 18/36
31 = 31/62
49 = 49/98
60 = 60/120

4 Tail Length
0: .125 (3.18mm)

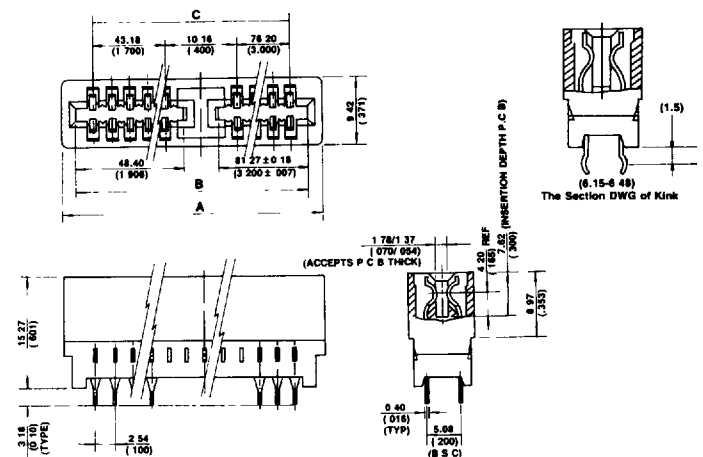
5 Contact Finish
1: Gold Flash Plating
6: 10µ" Gold Plating
2: 20µ" Gold Plating
3: 30µ" Gold Plating

6 Mounting Options
See Chart Below

18/36, 31/62, 60/120



49/98



Number of Dual Positions	DIMENSIONS inches (mm)			Kink Type	Kink Type Product No.	No Kink Product No.
	A	B	C			
18/36	2.060 (52.32)	1.900 (48.26)	1.700 (43.18)	OUT WARD 2 PAIRS	ESO180*-K1	ESO180*
31/62	3.360 (85.91)	3.200 (81.28)	3.000 (76.20)	OUT WARD 2 PAIRS	ES0310*-K1	ES0310*
49/98	.546 (13.91)	5.300 (134.61)	5.100 (129.54)	OUT WARD 4 PAIRS	ES0490*	ES0490*-K0
60/120	6.260 (159.00)	6.100 (154.94)	5.900 (149.86)	IN WARD 8 PAIRS	ES0600*-K6	ES0600*-K0

Connector Performance:

Electrical Characteristics

Contact Current Rating: 3 Amp
Contact Resistance: 15mΩ Max
Insulation Resistance: 5000 MΩMin
Dielectric Withstanding Voltage: 1000 VAC at Sea Level

Mechanical Characteristics

Engagement Force: 12 oz Max. with 0.062" thk. gage
Separation Force: 2 oz Min. with 0.062" thk. gage
Retention Force: 4 Lb. Min.

Bifurcated for multi-point contact with double sided P.C. boards .054-.070 (1.38-1.78) thick

Connector assemblies with end caps .023" x .016" (0.58 x 0.40) solder post
Recognized under the component program of Underwriters Laboratories Inc. E93750

Materials

Insulators: Glass Filled Black Polyester 94 V-0 Rated
Contact: Phosphor Bronze