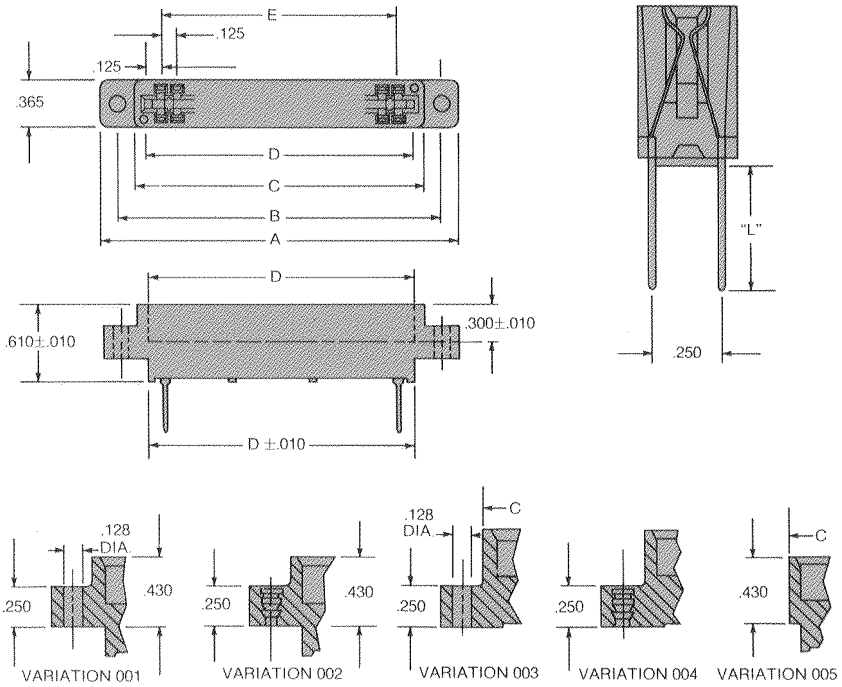
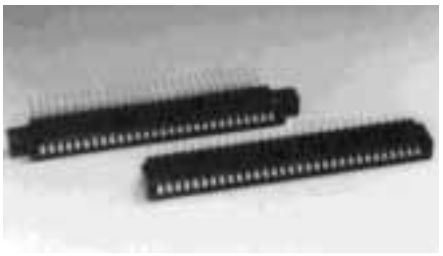
.125" x .250" SERIES 6333



.025" Square Post/ Rectangular Tails



CONTACT TAIL ±.020	2 LEVEL WRAP POST	3 LEVEL WRAP POST	LONG P.C. TAIL
"L" DIMENSION	.465" (11.81)	.580" (14.73)	.205" (5.21)

Features

- ☐ Low cost, high performance combination of material, design and tooling
- ☐ Accepts .0625 (1.59) ±.008 P.C. board
- ☐ .025 (0.64) square wrap post or P.C. tail contacts
- ☐ Preloaded cantilever spring design for control of mating force and contact gap
- ☐ 100 gram minimum normal contact force for high electrical reliability
- ☐ Slotted contact interface for redundancy
- ☐ Molded contact position identification
- ☐ Mounting standoff for solder flux removal
- ☐ Tested to requirements of MIL-C-21097
- ☐ Recognized under component program of Underwriters Laboratories Inc., file no. E 27 610
- ☐ Approved by Canadian Standards Ass'n., file no. 40 338
- ☐ Available in 6 to 50 contact pairs

Specifications

ELECTRICAL
Contact resistance: 10 milliohms, maximum
Insulation resistance: 5000 megohms, minimum, at 500 VDC
Dielectric withstanding voltage: 1500 VAC between adjacent contacts, RMS at sea level
MECHANICAL
Insertion/withdrawal force: 12-2 oz./position, .062" test blade
Contact retention: Wrap post contact — 8 pounds minimum P.C. contact — 2 pounds minimum
ENVIRONMENTAL
Operating temperature: -65°C to +125°C
Humidity: MIL-STD-1344, Method 1002, II
MATERIALS
Contact: Phosphor bronze
Selective plating: Gold 30 microinch minimum in the mating area over nickel 100 microinch minimum, with 3-5 microinch gold or tin lead tails
Thermoplastic insulator: 94V-0 glass-filled polyester

Ordering Code

Typical Example	00	6333	080	819	601

SERIES

NUMBER OF CONTACTS

DUAL READ-OUT
Even Numbers Only 12 thru 100

CONTACT CODE (Gold Plated)

818 .025 Sq. post length .465"
819 .025 Sq. wrap post length .580"
825 P.C. solder tail length .205" (.010" x .025")

VARIATION CODE

PLATING DESCRIPTION		
Mating Area	30 Gold	30 Gold
Tail Area	Flash Gold	Tin/Lead

VARIATION CODE		MOUNTING
501	601	Center mount .128 (3.25) dia. holes
502	602	Center mount #4-40 threaded holes
503	603	Flush mount .128 (3.25) dia. holes
504	604	Flush mount #4-40 threaded insert
505	605	No mounting ears

INSULATOR DIMENSIONS
YYY = $\left(\frac{\text{No. of contacts}}{2} - 1\right)$ x .125"
A = YYY + .930" B = YYY + .670" C = YYY + .410" D = YYY + .250" E = YYY

POLARIZATION

Between-Contact Polarizing Insert: order separately by part no. 60-6061-3138-00-000

■ Recommended for standard applications. Available through ELCO franchised distributors.