

The .375" spacing ELE offers selectively gold-plated cantilever beam contacts and an improved screw terminal design. Key to the superior performance of the ELE is its unique dual cantilever beam contact which eliminates the board damage possible with the stamped tuning fork contacts traditionally used in such connectors. It also ensures improved performance under board warping and bending conditions.

Contact design and manufacture ensure that selective gold plating is concentrated at the board contact point. This provides both better contact performance and lower cost than tuning forks whose constricted configuration makes it difficult to gold plate effectively or economically.

The ELE provides a high reliability wire termination with a #6-32 SEM nickel-plated steel screw and clamp, retained by a separate steel nut. This design eliminates the stripping of threads possible with connectors which thread the thin contact material to retain the clamping screw.

MATERIALS:

Contact: Phosphor bronze

Plating: .000030" selective gold over nickel (standard); alternates available

Hardware: Steel, zinc plated

Housing: Black phenylene oxide, UL94-V0

SPECIFICATIONS:

Maximum Operating Temperature: 95° C

Dielectric Withstanding: 3000 V

Current Range: 10 A

Operating Voltage: 300 V

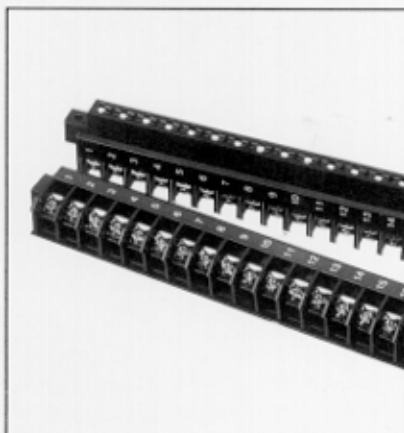
Insulation Resistance: 1011 ohms

Wire Range: #12-22 AWG

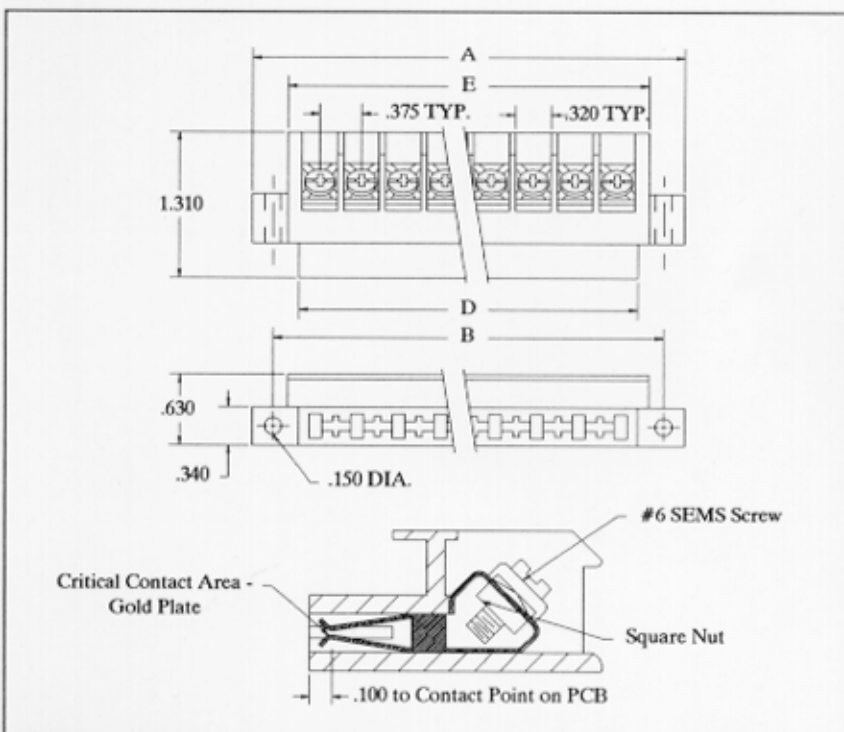
Wire Pullout Force: Meets UL 486

APPROVAL:

UL recognized under File No. E83421 for field wiring



- .375" SPACING
- 8 TO 28 CONTACTS
- 45° SCREW TERMINATION
- SEPARATE STEEL RETENTION NUT FOR GREATER TORQUE
- DUAL BEAM CONTACT



CATALOG NUMBER	NO. POS	A	B	C	D	E
ELE082110	8	3.75	3.38	2.75	2.91	3.11
ELE102110	10	4.50	4.13	3.50	3.66	3.86
ELE122110	12	5.25	4.88	4.25	4.41	4.61
ELE162110	16	6.75	6.38	5.75	5.91	6.11
ELE202110	20	8.25	7.88	7.25	7.41	7.61
ELE242110	24	9.75	9.38	8.75	8.91	9.11
ELE282110	28	11.25	10.88	10.25	10.41	10.61