

I. MECHANICAL SPECIFICATIONS

Insulator: Glass reinforced polyester UL-94V-0
 Contact: Copper-Nickel alloy CDA 725
 Plating: Per CA Spec. 100003
 Contact Insertion Force: 16 oz. (454 grams) max.
 (using opposing pairs of contacts) 8 oz. (225 grams) typ.
 Contact Withdrawal Force: 2 oz. (57 grams) min.
 (using opposing pairs of contacts)
 Normal Force:(per pair) 2 oz. (57 grams) nom.
 Contact Retention: 7 lb. (3175 grams)/contact min.

II. ENVIRONMENTAL SPECIFICATIONS

Temp. Rating: -55 degree C to +125 degree C

III. ELECTRICAL SPECIFICATIONS

Current Rating: 3 Amp
 Voltage Rating: (at sea level) 600V DC
 Dielectric Withstanding Voltage:(at sea level) 650V AC rms min.
 Contact Resistance: <10 Milliohms typ.
 25 Milliohms max.
 Insulation Resistance: >5000 Megohms

- IV. Connectors meet the preceding spec. after 25 insertions with .062 thick steel blade.
- V. Contact resistance was measured using contacts selectively plated with .000020 inches of gold on contact area, mated with .062 thick printed circuit board with contact fingers plated with .000020 inches of gold.
- VI. Connector meets the Class II durability criteria of EIA-IPC standard RS-406/IPC-C-405A which is 250 cycles at a rate of 100-300 cycles/hour.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± .XX ± ± .XXX ±	APPROVALS DRAWN <i>A. Gochman</i> 7/22/83 CHECKED <i>[Signature]</i> 7/22/83	DATE 7/22/83	CA CIRCUIT ASSEMBLY CORP. 18 THOMAS ST., IRVINE, CALIFORNIA 92714-4194	
	REV B ECO B19 JNHT AL 2/26/86	SPECIFICATION - CONNECTOR, EDGE CARD SERIES EC		
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	SCALE	DO NOT SCALE DRAWING	SHEET 1 OF 1	