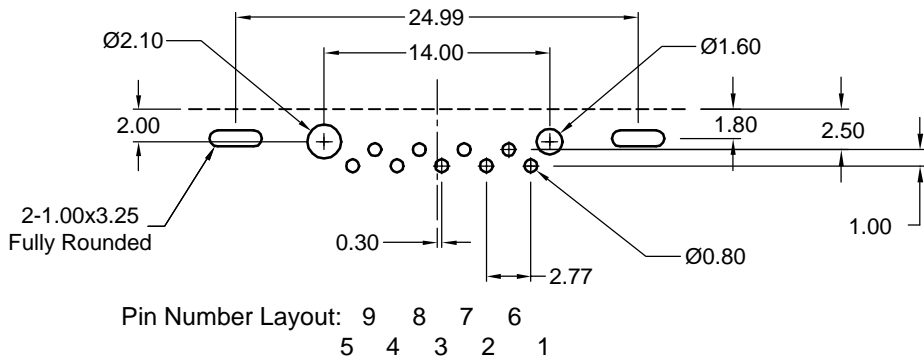


Recommended P.C. Board Layout
(Top View)



Material And Finish

Shell: Steel Material, Tin Plated or Zinc Plated

Insert: PBT Thermoplastic, Black Color, 30% Glass Filled, UL 94V-0 Rated

Contact Material: Plug- Brass

Contact Plating:

Standard:

Gold flash over Nickel on contacts, Tin/Lead over Nickel on soldertails

-15 Option:

15u" Gold over Nickel on contacts, Tin/Lead over Nickel on soldertails

-30 Option:

30u" Gold over Nickel on contacts, Tin/Lead over Nickel on soldertails

Electrical Specifications

Contact Current Rating: 5A

Rated Voltage: 300V DC

Withstanding Voltage: 500V (rms) AC for 1 minute

Insulation Resistance: more than 1000 Megohm at 500v DC

Contact Resistance: 13 milliohm Max.

Dielectric Strength: 1000V for 1 minute

Operating Temperature: -55°C to +105°C

Part Number	Contact Area Plating Finish
K31-E9P-NJ	Gold Flash (standard)
K31-E9P-NJ15	15u" Gold (15 option)
K31-E9P-NJ30	30u" Gold (30 option)

CSA NRTL/C Certified File No. LR78160

REVISION	DATE	DESCRIPTION	DRAWN BY	CHECKED BY	UNITS
D1	7/30/99	Low Profile Body, Shorten Leads	C. Leiva		mm [in]
D2	1/19/01	Per ECO 01-011	REVISED BY	APPROVED BY	DATE
D3	12/18/01	Per ECO 01-233	C. Leiva		9/26/96

K31-E9P-NJ

9 pin D-Sub, plug

Ultra Compact Footprint, w/JS-1055 Installed

