

**Material and Finish**

Insulator: PBT Thermoplastic with Glass-fiber Reinforcement, UL 94V-0 Rated, Color: Black

Shell: Steel, Nickel Plated

Contact Material: Socket - Phosphor Bronze

Contact Plating Options:  
 Standard: Gold Flash on Mating End, Tin on Termination End, Nickel Underplate on Entire Contact  
 15 Option: 15u" Gold on Mating End, Tin on Termination End, Nickel Underplate on Entire Contact

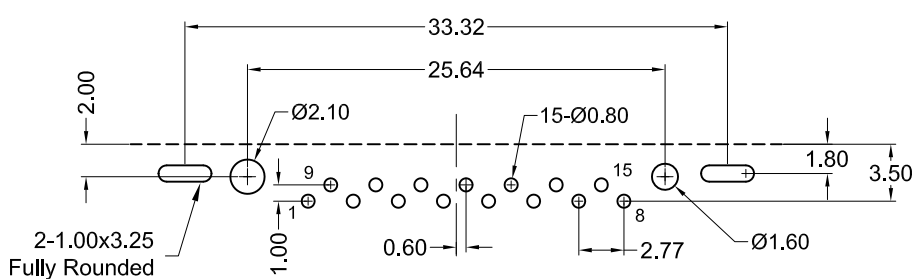
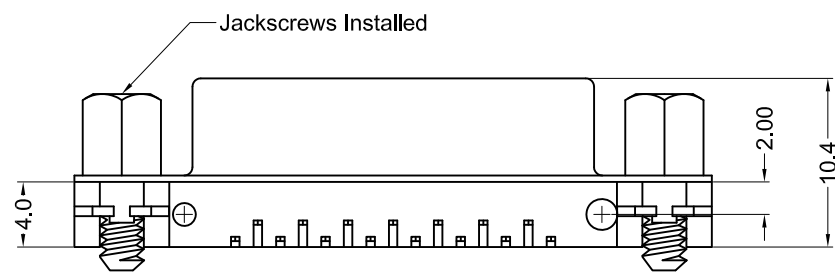
30 Option: 30u" Gold on Mating End, Tin on Termination End, Nickel Underplate on Entire Contact

**Electrical Specifications**

Rated Current: 2A  
 Rated Voltage: 30V RMS  
 Insulation Resistance: 1000 Megohms Min. at 500V DC  
 Contact Resistance: 13 milliohms Max.  
 Dielectric Withstanding Voltage: 1000V for 1 Minute

**Mechanical Specifications**

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



Recommended PCB Layout (Top View)

Part Number	Contact Area Plating Finish
K31X-A15S-NJ	Gold Flash (Standard)
K31X-A15S-NJ15	15u" Gold (15 Option)
K31X-A15S-NJ30	30u" Gold (30 Option)



Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	04/17/09	New Drawing	S. Vien	H. MA	S. Vien	04/17/09
A2	10/01/12	ECO #12-052	S. Vien	P. DalCanto		
A3	05/06/13	ECO #13-027	D. Gin	P. DalCanto		
A4	12/31/17	ECO #17-041	G. Serrato	C. Furumasa		

**K31X-A15S-NJ**

D-Sub, 15 Pin Female, RoHS Compliant

Ultra Compact Footprint, Jackscrews

