



Recommended PCB Layout (Top View)

Ordering Information

| Part Number | Insulator Color | Contact Area Plating |
|-------------------|-----------------|-----------------------|
| KVIX-DA29S-FP-B | Black | Gold Flash (standard) |
| KVIX-DA29S-FP-W | White | Gold Flash (standard) |
| KVIX-DA29S-FP-B30 | Black | 30u" Gold (30 option) |
| KVIX-DA29S-FP-W30 | White | 30u" Gold (30 option) |

Material and Finish

Shell: steel, nickel plated
 Insulator: LCP high temp. thermoplastic, UL 94V-0 rated, white or black color, reflow process compatible
 Recommended Soldering Temp:
 230°C for 30 seconds
 260°C max. for 10 seconds
 Contact Material: copper alloy
 Contact Plating Options:
 Standard: gold flash on mating end, 100u" tin on termination end, with 50u" nickel underplate on entire contact
 30 Option: .000030" [0.00076mm] gold on mating end, 100u" tin on termination end, with 50u" nickel underplate on entire contact

Electrical Specifications

Rated Current: 1.5A min.
 Rated Voltage: 40V DC
 Dielectric Withstanding Voltage: 500V (rms) AC for 1 minute
 Insulation Resistance: more than 1000 Megohm at 500V DC
 Contact Resistance: 20 milliohm max. initial, 10 milliohm max. change from initial
 Operating Temperature: -20°C to +85°C

Mechanical Specifications

Insertion Force: 4.5kg (10 lbs) max.
 Withdrawal Force: 1.0kg (2.2 lbs) min.
 Durability: 100 mating cycles
 Vibration: no discontinuity >1us

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



| REV. | DATE | DESCRIPTION | REV. BY | CHK. BY | DRAWN BY | DATE |
|------|----------|-------------|------------|---------|------------|----------|
| A1 | 02/14/06 | New Drawing | R. Aguirre | H. MA | R. Aguirre | 02/14/06 |
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KVIX-DA29S-FP-xy

x - insulator color
 yy - plating option

DVI Connector, Digital/Analog, RoHS Compliant

29 Contacts, #4-40 Inserts, Plastic Posts

