



| Contact Configuration |  |   |  |   |                         |   |
|-----------------------|--|---|--|---|-------------------------|---|
| # of Contacts         | 3  | 4                                       | 5  | 6   | 7                       | 8   |
| Wire Color            | 1 Black<br>2 Green<br>3 Orange<br>4 --<br>5 --<br>6 --<br>7 --<br>8 -- | 1 Black<br>2 Green<br>3 Yellow<br>4 Red | 1 Brown<br>2 Black<br>3 Green<br>4 Yellow<br>5 Red | 1 Brown<br>2 White<br>3 Black<br>4 Green<br>5 Yellow<br>6 Red | Not Currently Available | 1 Brown<br>2 White<br>3 Black<br>4 Blue<br>5 Green<br>6 Yellow<br>7 Orange<br>8 Red |

### Materials and Finish

Shell: steel, tin plated  
 Contacts: phosphor bronze, tin plated  
 Insulator: PBT, black  
 UL94V-0 rated  
 Wire: 100mm, stripped ends, 26 AWG

Other wire lengths and termination options available, including customer specified headers. Contact Kycon for details.

### Specifications

Rating: 12V DC 2amp max.  
 Insulation Resistance: 50 Megohm min. at 250V DC  
 Dielectric Strength: 250v AC for 1 minute  
 Contact Resistance: 30 milliohm max.  
 Operating Temperature: -25°C to +80°C  
 Durability Rating: 5000 mating cycles min.  
 Insertion Force: 1.0-4.5Kg  
 Withdrawal Force: 0.8-3.0Kg  
 Connector Provides IP20 Protection When Properly Installed



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

| REV. | DATE   | DESCRIPTION | REV. BY    | CHK. BY | DRAWN BY   | DATE    |
|------|--------|-------------|------------|---------|------------|---------|
| A1   | 7/8/05 | New Drawing | R. Aguirre | H. MA   | R. Aguirre | 5/10/05 |
|      |        |             |            |         |            |         |
|      |        |             |            |         |            |         |

**KMDPLX-xS-100**  
 x = Number of Contacts

panel Mount Female, RoHS Compliant  
 Locking type, pre-wired, 100 mm wire length

