



Materials and Finish

Insulator: PBT Thermoplastic
 UL94V-0 rated, Color - Black
 Contacts: Phosphor Bronze,
 Tin Plated
 Shield: Brass, Tin Plated
 Wire: 26 AWG, Stranded, Stripped ends

Electrical Characteristics

Rated Current: 0.8A max.
 Rated Voltage: 12V DC
 Insulation Resistance:
 50 Megohm min. at 250V DC
 Dielectric Withstanding Voltage:
 250V AC for 1 minute
 Contact Resistance:
 30 milliohm max.

Mechanical Characteristics

Operating Temperature:
 -25°C to +75°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
 Other wire lengths, colors, and termination
 options available, including customer
 specified headers. Contact Kycon for details.

Contact Configuration				
# of Contacts (x)	4	6	8	
Wire Color	1 Black 2 Green 3 Yellow 4 Red 5 -- 6 -- 7 -- 8 --	Brown White Black Green Yellow Red -- --	Brown White Black Blue Green Yellow Orange Red	
Wire Length (y)	100	KMDPLX-4S-100	KMDPLX-6S-100	KMDPLX-8S-100
	140	KMDPLX-4S-140	KMDPLX-6S-140	KMDPLX-8S-140
	200	KMDPLX-4S-200	KMDPLX-6S-200	KMDPLX-8S-200
	280	KMDPLX-4S-280	KMDPLX-6S-280	KMDPLX-8S-280
	300	KMDPLX-4S-300	KMDPLX-6S-300	KMDPLX-8S-300
390	KMDPLX-4S-390	KMDPLX-6S-390	KMDPLX-8S-390	

RoHS COMPLIANT



Tolerances
X.X ± 0.30
X.XX ± 0.20
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	12/03/13	New Drawing, ECO #13-088	C. Kelleher	P. DalCanto	C. Kelleher	12/03/13
A2	12/30/13	ECO #13-103	C. Kelleher	P. DalCanto		
A3	09/23/15	ECO #15-010	C. Kelleher	W. Cook		
A4	07/19/17	ECO #17-021	J. Elbanna	C. Kelleher		UNITS
B1	07/20/17	ECO #17-022	G. Serrato	C. Kelleher		mm

KMDPLX-xS-y
 x = Number of Contacts
 y = Wire Length

Panel Mount Female Mini DIN, Locking type
 Pre-wired, Pre-stripped ends, RoHS Compliant

