



### Material And Finish

Body: PBT Thermoplastic

Color: Pantone 2715C, Purple  
(meets PC99 spec)

Contacts: Copper Alloy,  
Gold Flash on Contact Area  
Matte Tin Plated on Termination End

Shield: SPCC, Tin Plated

### Electrical Characteristics

Contact Resistance:

Before Test:

Plug to Terminals: 30 milliohm max.

After Test:

Plug to Terminals: 60 milliohm max.

Insulation Resistance:

500 Megohms min.

Dielectric Withstanding Voltage:

500V AC RMS for 1 minute

Current Rating:

2 Amp at 12V DC

### Mechanical Characteristics

Durability Test: 1000 Cycles

Insertion Force: 3.0kg max.

Extraction Force: 0.3kg - 3.0kg

Locked Retention Strength: 5lbs. Min.  
(When used with Kycon KMDLA Snap & Lock Plugs)

Operating Temperature: -25°C to +80°C

Designed to work with Kycon  
KMDLAX Series Snap & Lock plugs.

RoHS COMPLIANT

cULus  
E140125

CS  
LR78160

#### Tolerances

X.X ± 0.3

X.XX ± 0.15

Unless Stated

Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A2	03/04/05	Release Drawing	H. MA	N/A	R. Aguirre	09/01/04
A3	12/01/05	ECO #05-065	R. Aguirre	H. MA		
A4	07/30/13	ECO #13-039	D. Gih	P. DalCanto		UNITS
A5	06/16/14	ECO #14-021	D. Gih	H. MA		
B6	12/18/14	ECO #14-052	W. Cook	H. MA		mm
B7	03/28/18	ECO #18-013	J. Elbanna	H. MA		

KMDGX-6S-BS2715C

6 pos. Mini-DIN, Lead-Free, PC99

Center Board Lock, Gold Flash on Contacts



# Mouser Electronics

Authorized Distributor

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