



Material And Finish

Body: PBT Thermoplastic
 Color: Pantone 2715C, Purple (meets PC99 spec)
 Contacts: Phosphor Bronze, 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: 500 Cycles Min.
 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.



Tolerances
X.X ± 0.3
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A1	12/30/04	correct pin length, fr pin width	H. MA	C. Leiva	R. Aguirre	09/01/04
A2	03/04/05	Release Drawing	H. MA	N/A		
A3	12/01/05	ECO #05-065	R. Aguirre	H. MA		UNITS
A4	07/30/13	ECO #13-039	D. Gih	P. DalCanto		
A5	06/16/14	ECO #14-021	D. Gih	H. MA		
A6	12/18/14	ECO #14-052	W. Cook	H. MA		
B6	12/18/14	ECO #14-052	W. Cook	H. MA		
B6	12/18/14	ECO #14-052	W. Cook	H. MA		

KMDGX-6S-BS2715C

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

Center Board Lock, Gold Flash on Contacts

