



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.

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				
B7	03/28/18	ECO #18-013	J. Elbanna	H. MA				
							mm	

KMDGX-6S-BS2715C

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

Center Board Lock, Gold Flash on Contacts



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