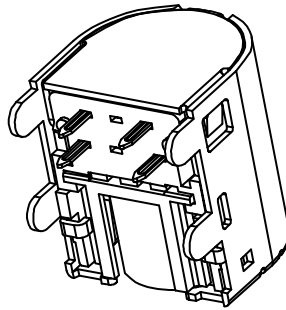
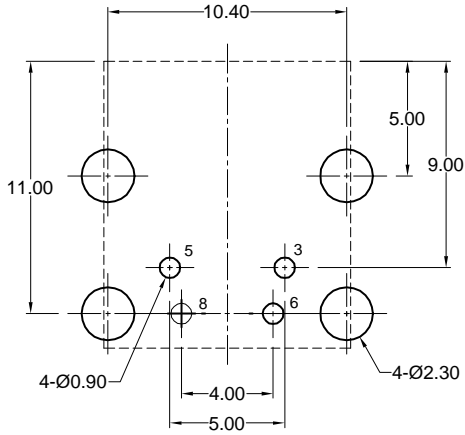


Recommended PCB Layout  
<Bottom View>



**Material and Finish**

Body: PBT Thermoplastic,  
UL94V-0 Rated  
  
Color: Black  
  
Contacts: Phosphor Bronze  
Gold Flash on Contacts,  
Tin/Lead on Termination  
  
Shield: SPCC, Tin Plated

**Electrical Characteristics**

Contact Resistance:  
Before Durability Test:  
Plug to Shield: 50 Milliohms Max.  
Plug to Contacts: 30 Milliohms Max.  
After Durability Test:  
Plug to Shield: 100 Milliohms Max.  
Plug to Contacts: 60 Milliohms Max.  
  
Insulation Resistance:  
50 Megohms Min.  
  
Dielectric Withstanding Voltage:  
500V AC RMS For 1 Minute  
  
Current Rating:  
2 Amps at 12V DC

**Mechanical Characteristics**

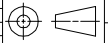
Durability: 500 Cycles Min.  
Insertion Force: 0.4kg ~ 4.5kg  
Extraction Force: 0.4kg ~ 4.5kg  
Operating Temperature: -25°C to +85°C

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

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	04/03/02	New Drawing	M. Yiu	K. Wallace		
A1	06/26/02	Release DWG	M. Yiu	K. Wallace	M. Yiu	04/03/02
A2	8/1/02	Ref. ECO 02-082	K. Wallace	K. Wallace		

**KMDR-4S-BS**

**Mini-DIN, 4 Pos, Rounded**  
**Right Angle, Fully Shielded**



UNITS  
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