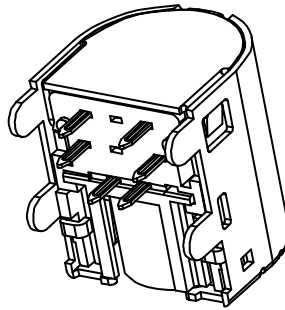
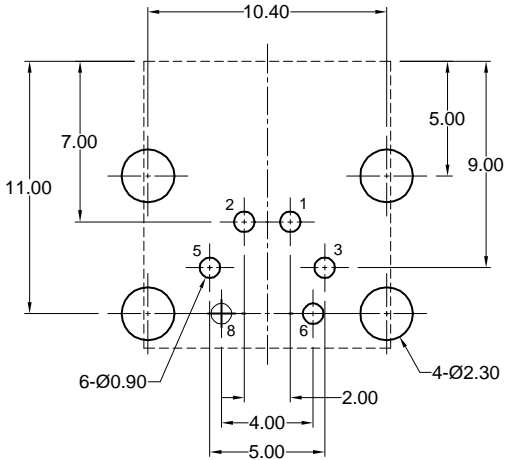


Recommended PCB Layout
<Bottom View>



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

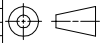
Tolerances	
X.X ±	0.25
X.XX ±	0.15
Unless Stated	
Otherwise	

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	04/18/02	New Drawing	K. Wallace	K. Wallace		
A1	05/08/02	Add Layout Dim.	K. Wallace	K. Wallace	K. Wallace	04/18/02
A2	06/26/02	Release DWG	M. Yiu	K. Wallace		
A3	8/1/02	Ref. ECO 02-082	K. Wallace	K. Wallace		

KMDR-6S-BS

Mini-DIN, 6 Pos, Rounded

Right Angle, Fully Shielded



UNITS
mm