

RUBBER ELASTOMERIC CONNECTOR – CARBON TYPE

FEATURES

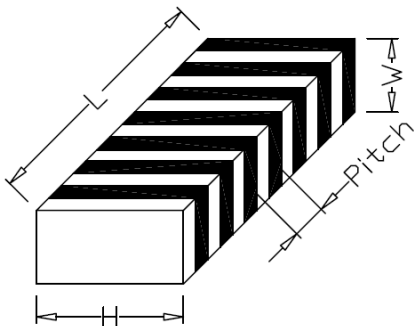
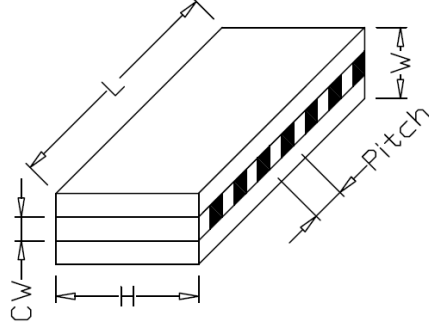
- Multiple conductive materials – Gold wire, and Carbon.
- Operating temperature range -20°C-+100°C
- Heat-resist, Vibration resist and adjustable
- NO mould fee for Customized
- Environment friendly
- Silicone material
- For each type : Pitch (P): from 0.10mm to 0.25mm
Length (L): from 2.0mm to 285.0mm
Height (H): from 1.0mm to 25.0mm
Width (W): from 1.0mm to 7.0mm
Core Width (CW): 0.4mm

APPLICATION

- Interlink of the LCD and PCB.

TYPICAL PROPERTIES



	Without Insulation layer	With Insulation layer
Figure		
Isolator	-	Silicone / Sponge silicone rubber
Conductive Layer	Silver / Carbon	Silver / Carbon
Hardness	-	25 ± 5° or 35 ± 5°
Material of the test point	Copper	copper
Width of the copper	1.0m/m	1.0m/m

CHARACTERISTICS

Item	Component	Unit	P0.10	P0.18	P0.25
Shore hardness	Insulator	-	60 ± 5°	60 ± 5°	60 ± 5°
	Conductor	-	65 ± 5°	65 ± 5°	65 ± 5°
	Edge insulator part	-	30 ± 5°	30 ± 5°	30 ± 5°
Compression set	-	%	10~18	10~18	10~18
Volume Resistivity	Insulator	Ωm	3x10 ¹⁴	3x10 ¹⁴	3x10 ¹⁴
	Conductor	Ωm	2.0~5.0	2.0~5.0	2.0~5.0
	Edge insulator part	Ωm	1x10 ¹⁴	1x10 ¹⁴	1x10 ¹⁴
Operating temperature	-	°C	-20 ~ +100	-20 ~ +100	-20 ~ +100