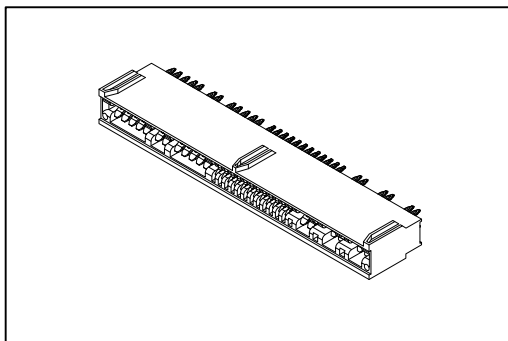


9394 Series

Power Edge Card Connector



Features:

- * Additional plating options available.
- * Mates With: 1.6±0.14mm Thick Edge Card.

Material:

Housing: High Temperature Plastic UL94V-0.

Contacts: Copper Alloy.

Electrical Characteristics:

Current Rating: Signal Pin: 1 A@25°C ambient.

Power Pin: 25 A/AC@25°C ambient.

Power Pin: 100 A/DC@25°C ambient.

Dielectric Withstanding Voltage: DC Power: 2000V.

AC Power: 2000V.

Signal: 500V.

Between AC Power pin and Signal pin:
3000 V/AC.

Between AC Power pin and PE Power pin:
2000 V/AC.

Between PE Power pin and Signal pin:
1000 V/AC.

Insulator Resistance: Power: 5000MΩ min.

Signal: 500MΩ min.

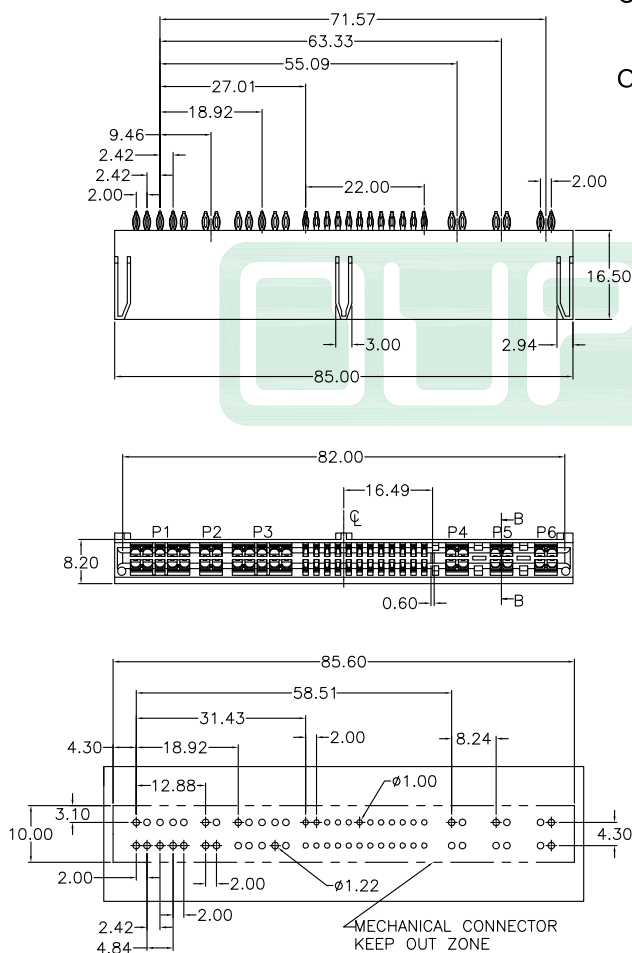
Between All Power Conductors 500MΩ min.

Contact Resistance: Power Pin: 5mΩ max/AC.

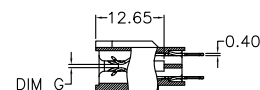
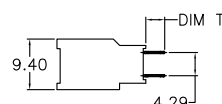
1mΩ max/DC.

Signal Pin: 25mΩ max.

Operating Temperature: -40°C~+115°C.



P.C. Board Layout



Section B-B

ROWS	POWER			SIGNAL												POWER		
	P1	P2	P3	1	2	3	4	5	6	7	8	9	10	11	12	P4	P5	P6
B	PL	PL	PL	L	L	L	L	L	L	L	L	L	L	L	L	PL	PS	PS
A	PL	PL	PL	L	L	L	L	L	L	L	L	L	L	L	L	PL	PS	PS

DC POWER CONTACT TO THE A FACE DISTANCE 7.95mm,	PS
AC POWER CONTACT TO THE A FACE DISTANCE 8.95mm,	PL
SIGNAL CONTACT TO THE A FACE DISTANCE 8.95mm,	L

Ordering information

9394-	2	A2	N	1	2	1	A	CB	30	P	A
Series	2: Female Straight	A2: Type 2	N: W/O Post	1: DIM T =3.5mm	2: DIM G =1.0mm 2: DIM G =0.6mm	1: W/O Left Key, With Right Key	A: Signal Pitch 2.0mm	CB: Contact Au+Pd/Ni, Dip Tin plated	30: 30μ"	P: Press Fit Type	A: Tray Package