



PCB LAYOUT

MATERIALS AND FINISH

SHELL : STEEL MATERIAL, TIN FINISHED

DIMPLES ON PLUG ONLY

CONNECTOR INSULATOR : PBT THERMOPLASTIC,

30% GLASS FILLED, UL 94V-0 RATED, BLACK COLOR

SIGNAL CONTACT MATERIAL: BRASS, FULL GOLD FLASH

HIGH POWER CONTACT MATERIAL: BRASS, FULL GOLD PLATED

ELECTRICAL CHARACTERISTICS

HIGH POWER CONTACT CURRENT RATING :10,20,OR 40 AMPS

HIGH POWER CONTACT RESISTANCE : 2.7 MILLIOHMS MAX.

DIELECTRIC WITHSTANDING VOLTAGE :

1000 V AC FOR 1 MINUTE

INSULATION RESISTANCE : 5000 MEGAOHMS MIN.

TEMPERATURE RATING : -55°C ~ +125°C

Series No

1196-072-X00-000-RC

No of Contacts

022(2W2),033(3W3),051(5W1)
072(7W2),111(11W1),055(5W5)
094(9W4),133(13W3),172(17W2)
211(21W1),088(8W8),136(13W6)
175(17W5),214(21W4),253(25W3)
272(27W2),247(24W7),364(36W4)
432(43W2),471(47W1)

Mounting Options

0: No Brackets & Board Locks
2 : With Brackets & Boardlocks

Contact Type

1: Plug Brass 10A
2: Socket Brass 10
3; Plug Brass 20A
4: Socket Brass 20A
7: Plug Brass 40A
8: Socket Brass 40A

Mating Options

0: With 0.120" diameter holes
1: 4-40 Through Riveted &
Jack screws assembled
3: 4-40Through Riveted

Contact Plating

00: Full gold flash

Insulator

0: Black
1: White

PART NO.	Current Rating	Dimension	Dimension
		Ø A	ØB
1196-072-800-000	40 AMPS	Ø3.75	Ø4.20
1196-072-400-000	20 AMPS	Ø2.8	Ø3.28
1196-072-200-000	10 AMPS	Ø1.7	Ø2.20

				Drawn by	Zhenxing Fu	2010.03.15
				Designed by	Zhenxing Fu	2010.3.15
				Approved by	Wangjun	2010.3.16
					TORERANCE	Code:000
					.XX ±0.13	Scale 1:1
						Angles+/-2°
Ver NO	Revisions	CHK	Rev Date	SHEET 1 OF 2		

GUANG LIAN WEI TECHNOLOGY CO., LTD.

D-SUB CONNECTOR
(Power Contact Right Angle DIP Type)

Ver A0 Part No. 1196-072-X00-000-RC