

	A	B	WIRE	CURRENT RATING (A)
1	2.5	4.5	14#~16#	10
2	3.6	5.0	10#~12#	20
3	4.4	5.5	8#~10#	30
4	5.5	5.5	6#~8#	40

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

HIGH POWER CONTACT MATERIAL: BRASS, 3U"/5U"/15u" GOLD PLATED

LOW-POWER CONTACT MATERIAL: BRASS, 1u" GOLD PLATED

ELECTRICAL CHARACTERISTICS

HIGH POWER CONTACT CURRENT RATING :10,20,30,OR 40 AMPS

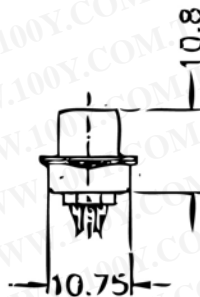
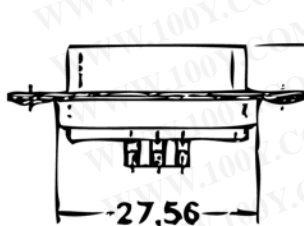
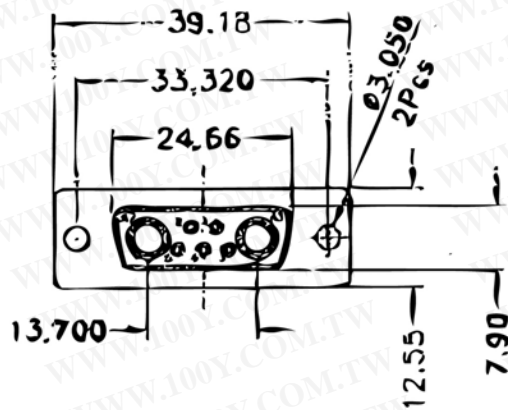
HIGH POWER CONTACT RESISTANCE : 2.7 MILLIOHMS MAX.

DIELECTRIC WITHSTANDING VOLTAGE :

1000 V AC FOR 1 MINUTE

INSULATION RESISTANCE : 5000 MEGAOHMS MIN.

TEMPERATURE RATING : -55°C ~ +125°C



① 7W2(s)-FXXX-0X

- | | |
|-----------|--------------|
| 8. Nickel | 1. 10A |
| 9. Tin | 2. 20A |
| 1. White | 3. 40A |
| 3. Black | 4. 50Ω |
| 6. Blue | 5. 75Ω |
| | 1. 1u'(Full) |
| | 4. 5u'(Full) |

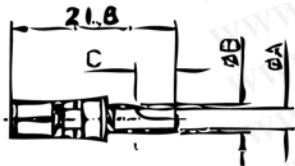
② ELECTRICAL CHARACTERISTICS

Dielectric withstanding Voltage: 1000VAC for one minute at sec level.
 Insulation Resistance: >1000MΩ
 High power contact resistance: < 27mΩ
 Connector mating and unmating force: 17.0 kgf max.
 Operating Temperature: -55°C to +105°C

③ MATERIAL

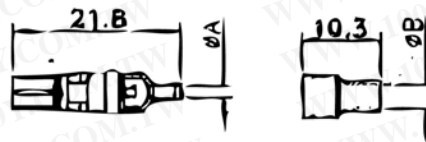
Insulator: PBT UL 94V-0 Rated.
 Power Contact: Brass.
 Shell: SPCC.

Power Type



PART NO	Current Rating	Dimension		
		0A	0B	C
01	10 Amps	01.7	02.5	4.5
02	20 Amps	02.7	03.6	5.0
03	40 Amps	04.6	05.5	5.5

Coaxial Type



PART NO	Current Rating	Dimension	
		0A	0B
04	50Ω	01.6	03.2
05	75Ω	03.0	04.0

DRAW.BY	LinHuiFang	DATE	12-Jan-2002	UNIT	MM	TOLERANCE	.X ±0.30 ANG: ±2° .XX ±0.25 .XXX ±0.130
APPVL BY		VERSION	A	SCALE	1 : 1	DWG.No.	F: /XX/WW/ +

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

ITEM	7W2 Female Solder
PART No.	7W2(s)-FXXX-0X
CUSTOMER	