

1 2 3 4

: INDICATES THE KEY DIMENSIONS [為重點尺寸]

Isometric view of the MATE PLUG assembly.

Front view dimensions: 11.4, 9.0, 4.00, 5.40, 5-1.20±0.1, 4.00, 11.4. Callouts: ①, ②, ③, ④, ⑤.

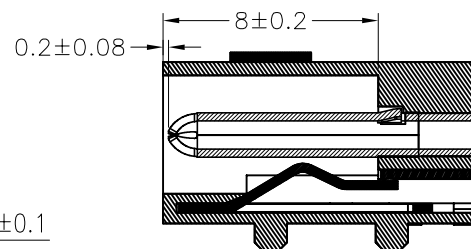
Side view dimensions: *6.00, *12.0, 0.2±, 3.05, *3.30, 1.00, 8.4, 8.5, 2-Ø1.2±0.1. Callout: A.

Top view dimensions: *Ø4.40, Ø1.65^{+0.05}_{-0.1}, 0.1, 8.4, 1.00, 21.5±0.3, 4.0±0.3, 16.0±0.2, 1.5±0.1, 0.5, 0.8, 2.6-0, 1.7-0, 2±0.05, 1, 3, 2, 0.5, 1.1, 0.2, 6.00, 5.00. Callouts: Ø1.5, Ø3.85±0.1, Ø4.0.

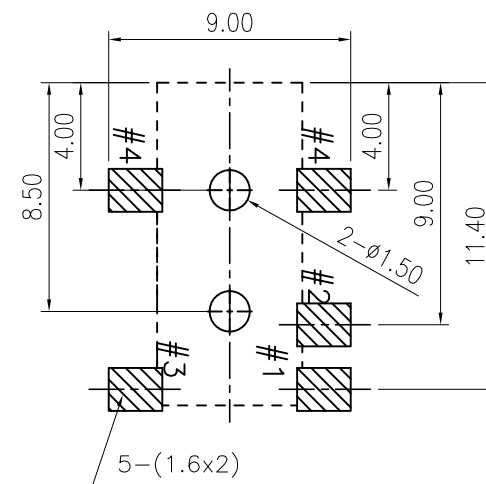
MATE PLUG

1 2 3 4

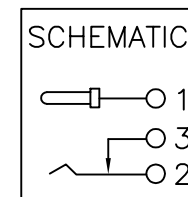
1. RATING: 30V 2A
2. INSERTION FORCE: 2.94~29.4N(0.3~3Kgf)
WITHDRAWAL FORCE: 2.94~29.4N(0.3~3Kgf)
3. INSULATION RESISTANCE BETWEEN ANY ADJACENT
TERMINAL SHALL NOT BE LESS THAN 100MΩ
BY 500 VOLTS MEGGER
4. JACK SHALL WITHSTAND 500 VOLTS BETWEEN ANY
ADJACENT TERMINAL FOR ONE MINUTE
5. CONTACT RESISTANCE SHALL NOT EXCEED 0.03Ω
6. JACK SHALL WITHSTAND 5,000 CYCLES OF INSERTION
AND WITHDRAWAL WITH TESTING PLUG. AND CONTACT
RESISTANCE SHALL NOT EXCEED 0.06Ω
7. MEASURING CONDITION:
TEMPERATURE: FROM 5° TO 35°
RELATIVE HUMIDITY FROM 45% TO 85%
8. FOR 260° 10SEC WAVE SOLDERING LEAD--FREE
PROCESS



SECTION A-A



Tolerance : ± 0.05 (Top view)



5	HOUSING	1	PA10T	UL-94V0 (BLACK)
4	TERMINAL #4	1	C2680 t=0.30	MB:Ni Ag PLATED
3	TERMINAL #3	1	C2680 t=0.30	MB:Ni Ag PLATED
2	TERMINAL #2	1	C5210 t=0.30	MB:Ni Ag PLATED
1	TERMINAL #1	1	C2680 t=0.30	MB:Ni Ag PLATED
LTR	PART NAME	QTY	MATERIAL	REMARK
-TOLERANCES- UNLESS OTHERWISE SPECIFIED		Singatron Enterprise Co., Ltd.		
公差		DC POWER JACK		
X.X ±0.30	X" ±3"	DWN	H.RP	PART NO. 2DC-K020-23F
X.XX ±0.20	X.X" ±1"	CHKD	2015.12.04	SCALE 1:1 UNIT: mm
X.XXX ±0.15		APVD	GAOWEI	SIZE: A3 SHEET: 1 OF 1 REV: A3
		CUSTOMER COPY		

HALOGEN FREE