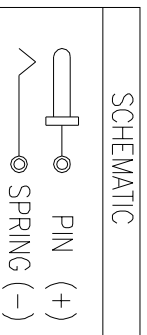


皇精 P/N:4.0171VM250-1T00-P2B-M2.5

PLUG

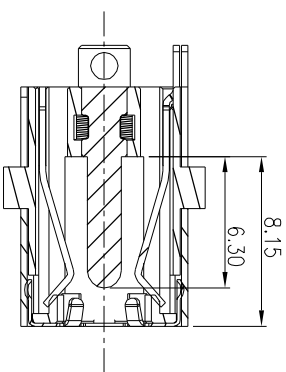


REV.	EGN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO.	TT80313-2A	Zhijun	2018.04.25

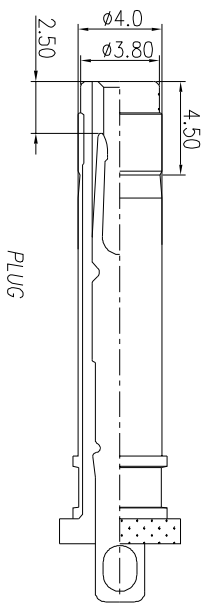
- SPECIFICATIONS:
1. ELECTRICAL CHARACTERISTICS:
- 1-1. RATING: 20V 5A
 - 1-2. CONTACT RESISTANCE: 30mΩ MAX.
 - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
 - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC.
2. MECHANICAL CHARACTERISTICS:
- 2-1. INSERTION FORCE : 0.5~3.0 KGF
 - 2-2. WITHDRAWAL FORCE : 0.4~2.0 KGF(INITIAL)
0.3~2.0 KGF(AFTER LIFE TEST)
- 3. LIFE TEST: 5,000 CYCLES MIN.
 - 4. OTHER GENERAL SPEC. TO REFER "2DC1015-010111F SPEC".
 - 5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - 6. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:
 - 7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
 - 8. FOR HAND SOLDERING LEAD-FREE PROCESS.
 - 9. PRINTED DATE CODE "YYMMDD" ON TOP OF CONNECTOR.

DD: DAY
MM: MONTH
YY: YEAR

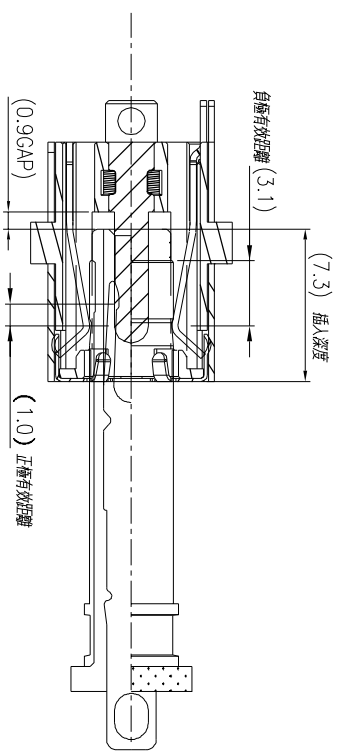
F	SHELL	1	SPCC	N: 60° MIN ALL OVER CA 80°
E	GROUND	1	STAINLESS STEEL 0.15T	N/A
D	STOPPER	1	THERMOPLASTIC UL 94V-0	BLACK
C	PIN	1	BRASS	COLD FLASH ALL OVER N: 50° MIN.
B	SPRING	1	COPPER ALLOY 0.30T	COLD FLASH ON CONTACT AREA. Sn 120° Min PLATED ON SOLDER PAD. ALL OVER N: 50° MIN.
A	HOUSING	1	THERMOPLASTIC UL 94V-0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
Singatron Enterprise Co., Ltd. 信音企業股份有限公司				
TITLE		DC POWER JACK		
DWM	Zhijun	PART NO.	2DC1015-010111F	
CHKD	Sky	SCALE	4:1	UNIT: mm
APVD	Lussan	SIZE: A3	SHEET: 1 OF 2	REV: A
CUSTOMER COPY				



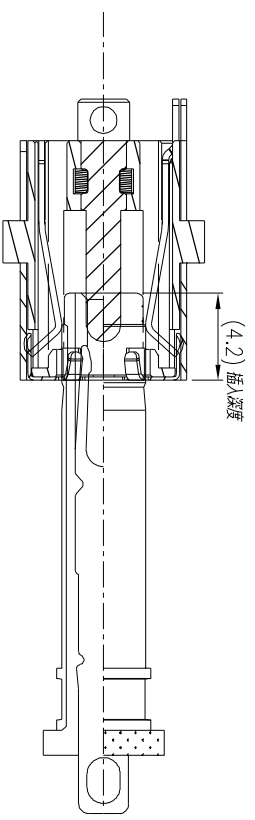
皇積 P/N: 4.017TVM250-1T00-P2B-M2.5



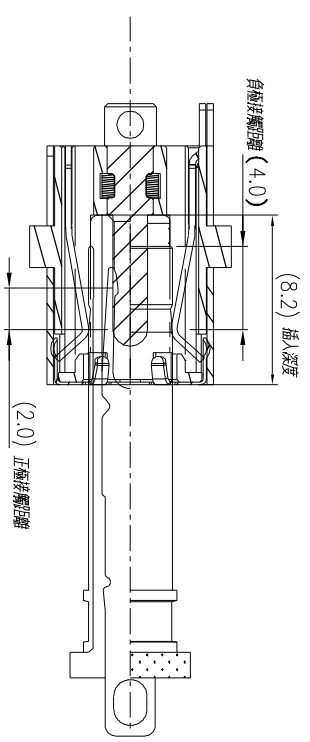
3. PLUG LOCK 狀態:



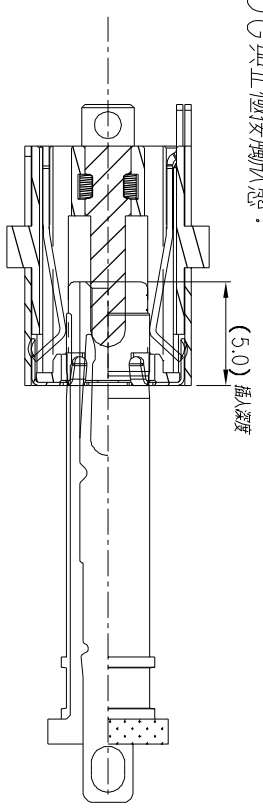
1. PLUG 與負極接觸狀態:



4. PLUG 完全插入狀態:



2. PLUG 與正極接觸狀態:



REV	ECN NO	OR DESCRIPTION	REVISED	DATE
A	PDR NO: T180313-2A	Zhijun	2018.04.25	

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
DECIMALS:	ANGLES:			
X : ±0.5	X : ±2°			
X.X : ±0.3	X.X : ±1°			
X.XX : ±0.2				
TITLE	MATING DRAWING			
DWN	Zhijun	PART NO. 2DC1015-010111F		
CHKD	Sky	SCALE 4:1 UNIT: mm		
APVD	Lussen	SIZE: A3 SHEET: 2 OF 2 REV: A		
CUSTOMER COPY				

