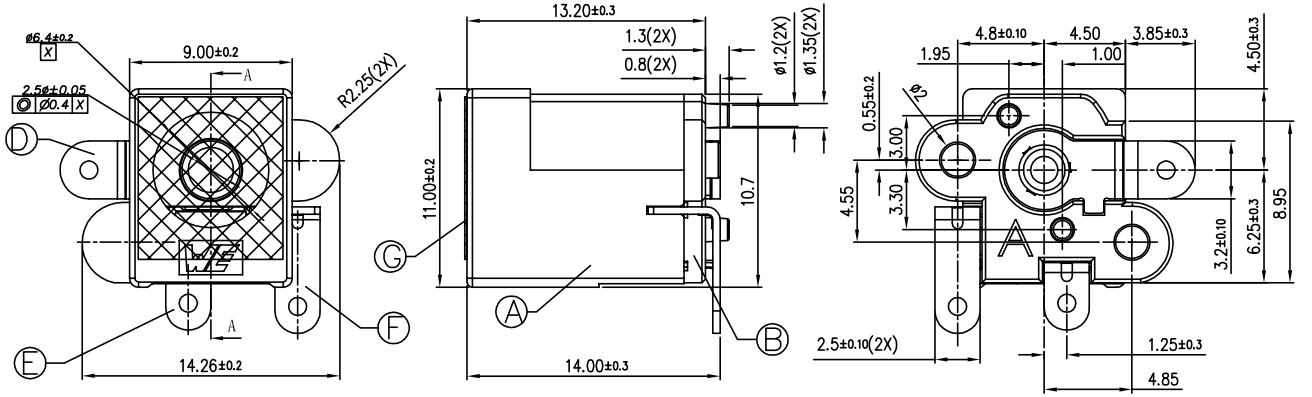
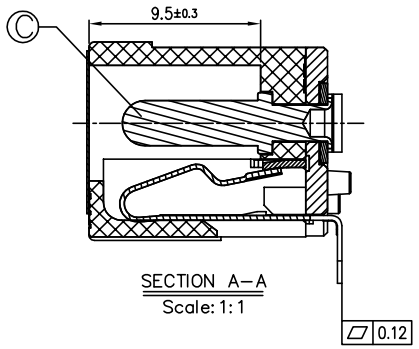
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR RELEASE	EVEN	2018.07.27

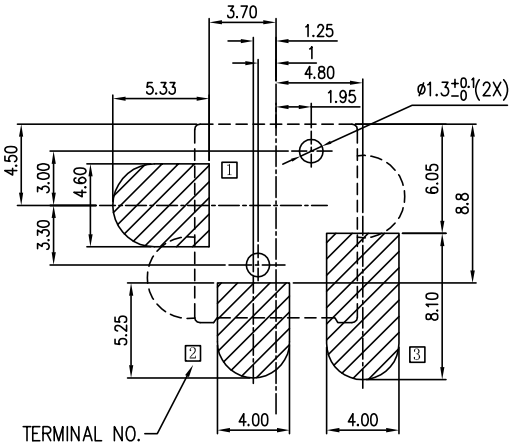


SPECIFICATIONS:

1. RATING: DC 20V, 2.5A.
2. CONTACT RESISTANCE: 30 mΩ MAX.
3. INSULATION RESISTANCE: 100M Ohms MIN. @500V DC.
4. WITHSTANDING VOLTAGE: 500V AC 1 MINUTE.
5. INSERTION FORCE: 0.3Kgf TO 3.0 Kgf
6. EXTRACTION FORCE: 0.3Kgf TO 3.0 Kgf
7. LIFE TEST: 5000 CYCLES.
8. TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
9. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
10. PACKAGE: SEE "2DC1564-102111F" PACKAGE.
11. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
12. OTHER GENERAL SPEC. TO REFER " 2DC1564-102111F SPEC"



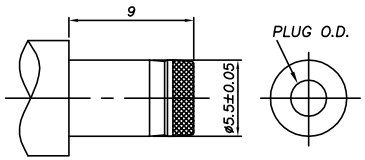
SECTION A-A
Scale: 1:1



RECOMMENDED P.C.B. LAYOUT
UNSPECIFIED TOLERANCE: ±0.05
(TOP VIEW)

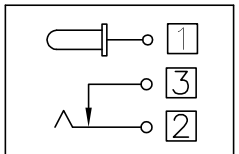
PART NO.
2DC1564-102111F

- PIN DIM : 1: 2.5ø
- SUFFIX: HALOGEN FREE
- PACKAGE 1: TAPE & REEL
- HOUSING COLOR 1: BLACK
- CONTACT PLATING 1: MATTE TIN PLATING



DC MATE PLUG

PIN	ø2.5
PLUG O.D.	$2.55^{+0.10}_{0.00}$



CIRCUIT DIAGRAM

□ : TERMINAL NO.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	MYLAR	1		YELLOW
F	SHUNT TERMINAL	1	C2680-1/2H 0.4t	M-Sn(60~120u")Ni(40u"~80u")
E	TIP SPRING	1	C5210-EH 0.25t	M-Sn(60~120u")Ni(40u"~80u")
D	CENTER PIN TERMINAL	1	C2680-EH 0.4t	M-Sn(60~120u")Ni(40u"~80u")
C	CENTER PIN	1	BRASS	GOLD FLASH
B	COVER	1	PA9T UL 94V-0	BLACK
A	HOUSING	1	PA9T UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: X :±0.5, X.X :±0.3, X.XX :±0.2
ANGLES: X :±2°, X.X :±1°

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

TITLE	DC POWER JACK		
DWN	EVEN 2018.07.27	PART NO. 2DC1564-102111F	
CHKD	ANGELA 2018.07.27	SCALE 1:1	UNIT: mm
APVD	ANGELA 2018.07.27	SIZE: A3	SHEET:1 OF 1 REV:A

CUSTOMER COPY

文件編號 RD-06-043-A