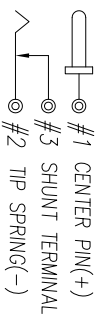


RECOMMEND P.C.B LAYOUT  
TOP VIEW (TOLERANCES:±0.05)

SCHEMATIC



SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
  - 1-1. RATING: DC 20V , 8A
  - 1-2. CONTACT RESISTANCE: 30mΩMAX (INITIAL)
  - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
  - 1-4. INSULATION RESISTANCE: 100MΩMIN. MEASURED BY 500 VDC
2. MECHANICAL CHARACTERISTICS:
  - 2-1. INSERTION FORCE : 3.0 Kg Max.
  - 2-2. WITHDRAWAL FORCE : 0.3~3.0 KG
3. LIFE TEST: 5,000 CYCLES MIN.
4. OTHER GENERAL SPEC. TO REFER "2DC3003 SERIES SPEC".
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
7. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON THE PACKAGING:
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
B	ECN NO: S100811		ANDY	2010.08.11
C	ECN NO: S111239		SEAN	2012.02.09
D	ECN NO: S120346		SEAN	2012.04.18

G	GROUNDING	1	STAINLESS 0.1T	N/A
F	SHIELDING	1	BRASS 0.35T	Ni 60u"
E	PIN	1	BRASS	GOLD FLASH OVER NI 50U"
D	STOPPER	1	HIGH TEMP. THERMOPLASTIC	N/A
C	SHUNT TERMINAL	1	BRASS STRIP 0.3T	Ag20u " OVER NI 20U"
B	TIP SPRING	1	COPPER ALLOY 0.3T	Ag20u " OVER NI 20U"
A	BODY	1	HIGH TEMP. THERMOPLASTIC	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

DECIMALS:	ANGLES:	TITLE	DC JACK
X : ±0.5	X : ±2°	DWN	SEAN
X.X : ±0.3	X.X : ±1°	CHKD	TOM
X.XX : ±0.2		APVD	TONY

PART NO. 2DC3003-005211  
SCALE 1:1  
UNIT: mm  
SHEET: 10F1  
REV: D

CUSTOMER COPY