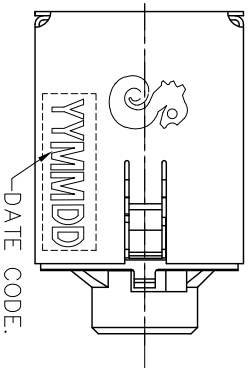
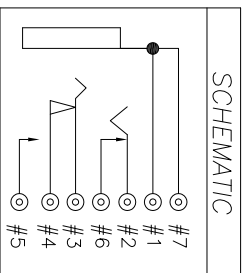
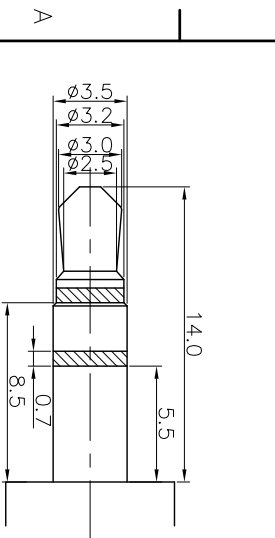


RECOMMENDED PCB LAYOUT
TOP VIEW(TOL.±0.05)



REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO. T121116-3A	Mors	2013.04.01

SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
 - RATING: 12V 1A
 - CONTACT RESISTANCE: 50mΩ MAX. (INITIAL)
 - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
 - INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500V DC
- MECHANICAL CHARACTERISTICS:
 - INSERTION FORCE : 0.3~3.0 KGf
 - WITHDRAWAL FORCE : 0.3~3.0 KGf
- LIFE TEST: 5,000 CYCLES MIN.
- AFTER LIFE TEST, CONTACT RESISTANCE: 60mΩ MAX.
- AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
- OTHER GENERAL SPEC. TO REFER "SINGATRON 2SJ-U351 SERIES SPEC."
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT: ☉
- HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING: ♻️
- FOR REFLOW SOLDERING LEAD-FREE PROCESS.
- PLEASE PUT THE PRODUCT IN A CONDITION WHERE IS FULL OF NITROGEN WHEN PASS THE IR REFLOW

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	BODY	1	HIGH TEMP. THERMOPLASTIC UL 94V-0	BLACK
B	EARTH	1	PHOSPHOR BRONZE 0.2t	
C	TIP SPRING	1	PHOSPHOR BRONZE 0.25t	Ag0.5 μm Min, OVER 50μ " Ni.
D	SHUNT TERMINAL-A	1	BRASS 0.25t	GOLD FLASH ON CONTACT AREA OVER 50μ " Ni.
E	RING SPRING	1	PHOSPHOR BRONZE 0.2t	
F	BREAK TERMINAL	1	PHOSPHOR BRONZE 0.2t	GOLD FLASH ON CONTACT AREA ALL OVER 50μ " Ni.
G	TRANSFER TERMINAL	1	PHOSPHOR BRONZE 0.2t	120μ " Sn ON SOLDER
H	SHIELDING	1	PHOSPHOR BRONZE 0.2t	Ni 5μm ALL PLATING

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

Singatron Enterprise Co., Ltd.
信晉企業股份有限公司

3.5Ø PHONE JACK

PART NO. 2SJ-U351-S03F

SCALE: 4:1 UNIT: mm

SIZE: A3 SHEET: 1 OF 1 REV: A

CUSTOMER COPY