



REV	ECN NO	OR DESCRIPTION	REVISED	DATE
A	PDR: S130411-4A		Bruce	2013.08.22

- SPECIFICATIONS:
- ELECTRICAL CHARACTERISTICS:
 - 1-1. RATING: 12V 1A
 - 1-2. CONTACT RESISTANCE: 50mΩ MAX.(INITIAL)
 - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
 - 1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC.
 - MECHANICAL CHARACTERISTICS:
 - 2-1. INSERTION FORCE: INITIAL 0.7-2.5kgf AFTER DURABILITY 0.3kgf Min;
 - 2-2. WITHDRAWAL FORCE: INITIAL 0.7-2.5 kgf AFTER DURABILITY 0.3kgf Min;
 3. LIFE TEST: 5,000 CYCLES MIN.
 4. AFTER LIFE TEST, CONTACT RESISTANCE: 60mΩ MAX.
 5. PACKAGING : TAPE & REEL.
 6. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 7. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT.
 8. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING.
 9. FOR LEAD-FREE PROCESS.
 10. PRINTED DATE CODE "YMMDD=" ON TOP OF CONNECTOR.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	DUMMY	1	SUS 0.25t	Matte Sn80% ON SOLDER AREA ALL OVER 50μ Ni
E	L/DET	1	PHOSPHOR BRONZE 0.2t	GOLD FLASH ON CONTACT AREA
D	RING	1	PHOSPHOR BRONZE 0.2t	Matte Sn80% ON SOLDER AREA
C	GROUND	1	PHOSPHOR BRONZE 0.2t	ALL OVER 50μ Ni
B	MIC	1	PHOSPHOR BRONZE 0.2t	
A	BODY	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X : ±0.5 X : ±2°

XX : ±0.3 XX : ±1°

XXX : ±0.2

TITLE	3.5φ PHONE JACK
DWM	Bruce
CHKD	Sky
APVD	Lussen
PART NO.	2S13113-003111F
SCALE	4:1
UNIT	mm
SHEET	1 OF 1
REV	A

RECOMMENDED PCB LAYOUT

TOP VIEW ; TOL.±0.05

SINGATRON ENTERPRISE CO., LTD.

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