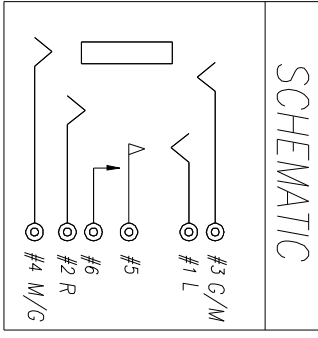
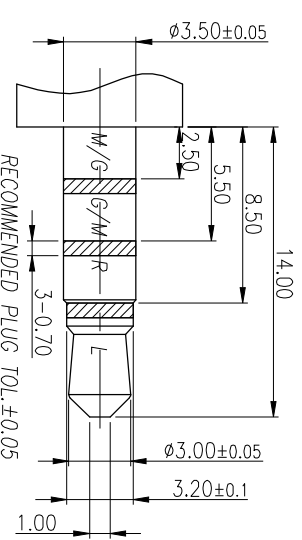


MATCH MECHANISM ID NEEDS TO AVOID INTERFERENCE WITH TERMINAL WHEN PLUG IN

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: 1.0-2.5kgf (AFTER 5 INSERTION CYCLES); 2.5kgf MAX. (AFTER LIFE TEST); 0.4kgf MIN. (AFTER LIFE TEST);
 - 2-2. WITHDRAWAL FORCE: 0.6-1.8kgf (AFTER 5 INSERTION CYCLES); 2.5kgf MAX. (AFTER LIFE TEST); 0.4kgf MIN. (AFTER LIFE TEST);
- LIFE TEST: 5,000 CYCLES MIN.
- AFTER LIFE TEST, CONTACT RESISTANCE: 50mΩ MAX.
- PACKAGING: TAPE & REEL.
- AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
- TO CONFORM TO SINGAITRON HAZARDOUS SUBSTANCE FREE SPEC.
- HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
- HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:
- FOR REFLOW SOLDERING LEAD-FREE PROCESS.
- PRINTED DATE CODE "YMD" ON TOP OF JACK.

RECOMMENDED PCB LAYOUT
TOP VIEW : TOL.±0.05



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
I	MYLAR	1	KAPTON 0.09T	YELLOW
H	SEPARATOR	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK
G	MAKE TERMINAL	1	PHOSPHOR BRONZE 0.2T	GOLD FLASH ON CONTACT AREA GOLD FLASH ON SOLDER PAD; ALL OVER IN 50 U" MIN.
F	TRANSFER TERMINAL	1	PHOSPHOR BRONZE 0.2T	GOLD FLASH ON CONTACT AREA WATE TIN 80° SOLDER PAD; ALL OVER IN 50 U" MIN.
E	TIP SPRING	1	STAINLESS STEEL 0.2T	GOLD 3U" MIN. ON CONTACT AREA WATE TIN 80° SOLDER PAD; ALL OVER IN 50-100U"
D	RING A	1	PHOSPHOR BRONZE 0.2T	GOLD 3U" MIN. ON CONTACT AREA GOLD FLASH ON SOLDER PAD; ALL OVER IN 50-100U"
C	RING B	1	PHOSPHOR BRONZE 0.2T	GOLD 3U" MIN. ON CONTACT AREA WATE TIN 80° SOLDER PAD; ALL OVER IN 50-100U"
B	EARTH	1	PHOSPHOR BRONZE 0.2T	GOLD 3U" MIN. ON CONTACT AREA WATE TIN 80° SOLDER PAD; ALL OVER IN 50-100U"
A	BODY	1	PA101; UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

Singatron Enterprise Co., Ltd.
信登企業股份有限公司

DECIMALS:	ANGLES:	TITLE
X :±0.5	X :±2°	Ø3.5 AUDIO JACK R/A TYPE
X.X :±0.3	X.X :±1°	DWN Carol PART NO. 2S13080-176111F
X.XX :±0.2		CHKD Bruce SCALE 4:1 UNIT: mm
		APVD Lico SIZE: A3 SHEET: 1 OF 1 REV: A

CUSTOMER COPY