



- RECOMMENDED LIMIT SUPPORT STRUCTURE
- RECOMMENDED PCB LAYOUT
- RECOMMENDED PLUG LAYOUT
- TOP VIEW : TOL.±0.05
- MATCH MECHANISM ID NEEDS TO AVOID INTERFERENCE WITH TERMINAL WHEN PLUG IN
- DATE CODE AREA(YMD)
- 3D VIEW
- 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: 0.8~3.0kgf INITIAL ; 2.5 Kgf MAX. After THE 2000th
 - 2-2. WITHDRAWAL FORCE: 0.6~1.8kgf INITIAL; 0.5 Kgf MIN. After THE 2000th
 - LIFE TEST: 2,000 CYCLES MIN.
 - AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
 - PACKAGING: TAPE & REEL.
 - MARKING: MARK "S" ON CONNECTOR.
 - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
 - HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:
 - PRINTED DATE CODE "WMD" ON TOP OF CONNECTOR.

TABLE 1 :

P/N	PLATING	SPEC
2S13080-148111F	GOLD FLASH ON CONTACT AREA.	
2S13080-148211F	Au 30u " MIN. ON CONTACT AREA	

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
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 AREA; ALL OVER 50u" NI.
F	EARTH	1	PHOSPHOR BRONZE 0.2t	SEE TABLE ON CONTACT AREA; OVER 50u" NI.
E	TRANSFER TERMINAL	1	PHOSPHOR BRONZE 0.2t	GOLD GLASH ON CONTACT AREA Moite Sn120u" ON SOLDER AREA ALL OVER 50u" NI.
D	TIP SPRING	1	STAINLESS STEEL, 0.2t	SEE TABLE ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" NI.
C	RING A	1	PHOSPHOR BRONZE 0.2t	SEE TABLE ON CONTACT AREA; Moite Sn120u" ON SOLDER AREA ALL OVER 50u" NI.
B	RING B	1	PHOSPHOR BRONZE 0.2t	SEE TABLE ON CONTACT AREA; Moite Sn120u" ON SOLDER AREA ALL OVER 50u" NI.
A	BODY	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

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

DECIMALS: ANGLES:

X	:±0.5	X	:±2°
XX	:±0.3	XX	:±1°
XXX	:±0.2		

TITLE: **Ø3.5 AUDIO JACK**

DMN: Guorong PART NO. 2S13080-148X11F

CHKD: Bruce SCALE 2:1 UNIT: mm

APVD: Liao SIZE: A3 SHEET:1 OF 1 REV: B

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