



DATE CODE AREA(YMD)

RECOMMENDED LIMIT SUPPORT STRUCTURE

THE SURFACE OF MECHANISM ADJACENT TO PLUG SHALL BE INSULATED IF THE MECHANISM IS METAL.

RECOMMENDED PCB LAYOUT(TOP VIEW)
(TOLERANCE: ±0.05)

SPECIFICATIONS:

1. 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.
2. MECHANICAL CHARACTERISTICS:
 - 2-1. INSERTION FORCE: 0.3-3.0kgf
 - 2-2. WITHDRAWAL FORCE: 0.3-3.0kgf
 3. LIFE TEST: 5,000 CYCLES MIN.
 4. AFTER LIFE TEST CONTACT RESISTANCE: 100mΩ MAX.
 5. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
 6. MARKING: MARK "S" ON TOP OF CONNECTOR.
 7. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 8. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK: Ⓢ
 9. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING: Ⓢ
 10. PRINTED DATE CODE "MMDD" ON TOP OF CONNECTOR.



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
I	SHELL	1	STAINLESS STEEL, 0.2t	1-3μm GOLD PLATING ON SOLDER TAIL AREAS AND 50-100μm NICKEL UNDER PLATING
H	SEPARATE	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK
G	MAKE TERMINAL	1	COPPER ALLOY, 0.2t	1-3μm GOLD PLATING ON CONTACT AREAS AND 120μm PLATING ON SOLDER TAIL AREAS AND 50-100μm NICKEL UNDER PLATING
F	TRANSFER TERMINAL	1	COPPER ALLOY, 0.2t	1-3μm GOLD PLATING ON CONTACT AREAS AND 50-100μm NICKEL UNDER PLATING
E	TIP SPRING	1	COPPER ALLOY, 0.25t	5μm MIN. GOLD PLATING ON CONTACT AREAS AND 120μm PLATING ON SOLDER TAIL AREAS AND 50-100μm NICKEL UNDER PLATING
D	RING-A	1	COPPER ALLOY, 0.2t	5μm MIN. GOLD PLATING ON CONTACT AREAS AND 120μm PLATING ON SOLDER TAIL AREAS AND 50-100μm NICKEL UNDER PLATING
C	RING-B	1	COPPER ALLOY, 0.2t	5μm MIN. GOLD PLATING ON CONTACT AREAS AND 120μm PLATING ON SOLDER TAIL AREAS AND 50-100μm NICKEL UNDER PLATING
B	EARTH	1	COPPER ALLOY, 0.2t	5μm MIN. GOLD PLATING ON CONTACT AREAS AND 120μm PLATING ON SOLDER TAIL AREAS AND 50-100μm NICKEL UNDER PLATING
A	BODY	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

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

Singatron Enterprise Co., Ltd.
信譽企業股份有限公司

Part No. 2SJ3082-083111F
φ3.50 AUDIO JACK

APVD Lioo SIZE: A3 SHEET: 1 OF 1 REV: A

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