



RECOMMENDED PCB LAYOUT
TOP VIEW (TOLERANCE: ±0.05)
(CAV NO.)
HF MARK

SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
 - 1-1. RATING: 12V, 1A.
 - 1-2. CONTACT RESISTANCE: 50 mΩ Max. FOR INITIAL, 100 mΩ Max. AFTER 5000 CYCLES.
 - 1-3. INSULATION RESISTANCE: 100 MEGOHMS Min. BY 500V DC.
 - 1-4. DIELECTRIC WITHSTANDING VOLTAGE: 500V RMS AFTER 1 MINUTE.
2. MECHANICAL CHARACTERISTICS:
 - 2-1. TEST BEFORE INSERTION AND WITHDRAWAL FORCE : 0.3~3.0 KGf
 - 2-2. AFTER DURABILITY TEST INSERTION AND WITHDRAWAL FORCE : 0.2~3.0 KGf
 - 3. LIFE TEST: 5,000 CYCLES.
 - 4. OTHER GENERAL SPEC. TO REFER "3.5 PHONE JACK SPEC".
 - 5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - 6. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
 - 7. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
 - 8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

REV	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	Longjia	13.04.19

E	TIP SPRING B	1	COPPER ALLOY 0.20T	
D	TIP SPRING A	1	COPPER ALLOY 0.20T	GOLD FLASH ON CONTACT AREA & SOLDER TAIL, ALL OVER NICKEL PLATED
C	RING SPRING	3	COPPER ALLOY 0.20T	
B	EARTH	1	COPPER ALLOY 0.20T	
A	BODY	1	HIGH TEMP. THERMOPLASTIC U94-V0	BLACK
NO DESCRIPTION		QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

Singatron Enterprise Co., Ltd.
信音企業股份有限公司

DECIMALS:	ANGLES:	TITLE
X : ±0.5	X : ±2°	3.5 PHONE JACK
X.X : ±0.3	X.X : ±1°	
X.XX : ±0.2		

DWG	Part No.	Scale	Unit	Rev.
Longjia 13/4/24	2S12406-000111F	6:1	mm	A
CHKD ZR 13/4/24				
APVD Lmo 13/4/24				

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