



REV	ECN NO	OR DESCRIPTION	REVISED	DATE
A	PDR NO: T230629-2A	Guorong	2023.12.12	

**SPECIFICATIONS:**  
 1. ELECTRICAL CHARACTERISTICS:  
 1-1. RAINING: 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. BEFORE LIFE TEST: INSERTION FORCE: 0.8-3.0kgf; EXTRACTION FORCE: 0.6-1.8kgf;  
 2-1. AFTER LIFE TEST: INSERTION FORCE: 2.5kgf Max; EXTRACTION FORCE: 0.5kgf Min;  
 3. LIFE TEST: 2,000 CYCLES MIN.  
 4. PACKAGING: TAPE & REEL.  
 5. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.  
 6. TO CONFORM TO SINGARON HAZARDOUS SUBSTANCE FREE SPEC.  
 7. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:  
 8. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:  
 9. FOR REFLOW SOLDERING LEAD-FREE PROCESS.  
 10. LASER DATE CODE "YYMMDD-" ON TOP OF CONNECTOR.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
A	BODY	1	HIGH TEMP PLASTICS UL 94 V-0	BLACK
B	RING B	1	PHOSPHOR BRONZE 0.2t	
C	RING A	1	PHOSPHOR BRONZE 0.2t	
D	TIP SPRING	1	PHOSPHOR BRONZE 0.2t	
E	TRANSFER TERMINAL	1	PHOSPHOR BRONZE 0.2t	
F	EARTH	1	PHOSPHOR BRONZE 0.2t	
G	MAKE TERMINAL	1	PHOSPHOR BRONZE 0.2t	
H	SEPARATOR	1	HIGH TEMP PLASTICS UL 94 V-0	BLACK

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A	BODY	1	HIGH TEMP PLASTICS UL 94 V-0	BLACK

TITLE	3.5Ø AUDIO JACK
DWM	Guorong PART NO. 2SJ3Y16-602111F
CHKD	Bruce SCALE 1:1 UNIT: mm
APVD	Liao SIZE: A3 SHEET: 1 OF 1 REV: A

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X :±0.5 X :±2°

X.X :±0.3 X.X :±1°

X.XX :±0.2

RECOMMENDED PCB LAYOUT  
TOP VIEW : TOL:±0.05

RECOMMENDED PLUG TOL:±0.05  
Ø3.5 4-POLE PLUG