



REV.	ECN NO.	OR DESCRIPTION	REVISED	DATE
A	PDR NO.1210226-2A		Qing	2021.08.27

- SPECIFICATIONS:
1. ELECTRICAL CHARACTERISTICS:
- 1-1. RATING: 12V 1A
  - 1-2. CONTACT RESISTANCE: 50m $\Omega$  MAX.(INITIAL)
  - 1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
  - 1-4. INSULATION RESISTANCE: 100M $\Omega$  MIN. MEASURED BY 500 VDC.
2. 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
3. LIFE TEST: 2,000 CYCLES MIN.
- AFTER LIFE TEST, CONTACT RESISTANCE: 120m $\Omega$  MAX.
4. PACKAGING : TAPE & REEL.
5. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50M $\Omega$  MIN.
6. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
7. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:
8. HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
9. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
10. PRINTED DATE CODE "WMD" ON TOP OF CONNECTOR.

I	MYLAR	1	KAPTON 0.10T	YELLOW
H	SEPARATOR	1	LCP+30%GF(E130),UL 94V-0	BLACK
G	MAKE TERMINAL	1	C5210-EH 0.20T	GOLD FLASH ON CONTACT AREA GOLD FLASH ON SOLDER AREA ALL OVER 50 $\mu$ W.
F	TRANSFER TERMINAL	1	C5210-EH 0.20T	GOLD FLASH ON CONTACT AREA GOLD FLASH ON SOLDER AREA ALL OVER 50 $\mu$ W.
E	TIP SPRING	1	SUS304-1/2H 0.20T	GOLD FLASH ON CONTACT AREA GOLD FLASH ON SOLDER AREA ALL OVER 50 $\mu$ W.
D	RING A	1	C5210-EH 0.20T	GOLD FLASH ON CONTACT AREA GOLD FLASH ON SOLDER AREA ALL OVER 50 $\mu$ W.
C	RING B	1	C5210-EH 0.20T	GOLD FLASH ON CONTACT AREA GOLD FLASH ON SOLDER AREA ALL OVER 50 $\mu$ W.
B	EARTH	1	C5210-EH 0.20T	GOLD FLASH ON CONTACT AREA GOLD FLASH ON SOLDER AREA ALL OVER 50 $\mu$ W.
A	BODY	1	PA4T+30%GF(TX1),UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X :  $\pm 0.5$  X :  $\pm 2^\circ$   
 X.X :  $\pm 0.3$  X.X :  $\pm 1^\circ$   
 X.XX :  $\pm 0.2$

TITLE:  $\phi 3.5$  AUDIO JACK

DWN Qing PART NO.2S13098-03B111F  
 CHKD Bruce SCALE 4:1 UNIT: mm  
 APVD Lido SIZE: A3 SHEET: 1 OF 1 REV: A

Singatron Enterprise Co., Ltd.  
 信營企業股份有限公司

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