



SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
  - RATING: 12V 1A
  - CONTACT RESISTANCE: 50mΩ MAX (INITIAL)
  - DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE
  - INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC.
- MECHANICAL CHARACTERISTICS:
  - INSERTION FORCE: 0.3-3.0kgf
  - WITHDRAWAL FORCE: 0.3-3.0kgf
- LIFE TEST: 5,000 CYCLES MIN. AFTER LIFE TEST, CONTACT RESISTANCE: 120mΩ MAX.
- PACKAGING: TAPE & REEL.
- AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
- TO CONFORM TO SINGATON HAZARDOUS SUBSTANCE FREE SPEC.
- HALOGEN FREE PRODUCT IDENTIFICATION MARK ON JACK:
- HALOGEN FREE PRODUCT IDENTIFICATION LABEL ON PACKAGING:
- PLEASE PUT THE PRODUCT IN A CONDITION WHERE IS FULL OF NITROGEN WHEN PASS THE IR REFLOW

I	MATT NYLAR	1	T=0.1	BLACK
H	SEPARATOR	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK
G	TRANSFER TERMINAL	1	COPPER ALLOY, 0.2T	SOUD FLASH ON CONTACT AREA
F	MAKE TERMINAL	1	COPPER ALLOY, 0.2T	SOUD FLASH ON SOLDER AREA
E	TIP SPRING	1	SUS304-1/2H 0.2t	ALL OVER 80-100° W.
B	EARTH	1	COPPER ALLOY, 0.2T	SOUD FLASH ON CONTACT AREA, SOUD FLASH ON SOLDER AREA, ALL OVER 50° W.
D	RING A	1	COPPER ALLOY, 0.2T	WASTE TIN 120MIN ON SOLDER AREA
C	RING B	1	COPPER ALLOY, 0.2T	WASTE TIN 120MIN ON SOLDER AREA, ALL OVER 50° W.
A	BODY	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	Pantone 11C
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR

UNLESS OTHERWISE SPECIFIED TOLERANCES

Singatron Enterprise Co., Ltd.  
信登企業股份有限公司

TITLE: 3.5Φ Audio Jack

DWN Qing PART NO. 2S3166-009151F  
CHKD Bruce SCALE 4:1 UNIT: mm  
APVD Loo SIZE: A3 SHEET: 1 OF 1 REV: A

CUSTOMER COPY

REV. EGN NO OR DESCRIPTION	REVISED	DATE
A PDR NO: T180122-5A	Qing	2018.08.13