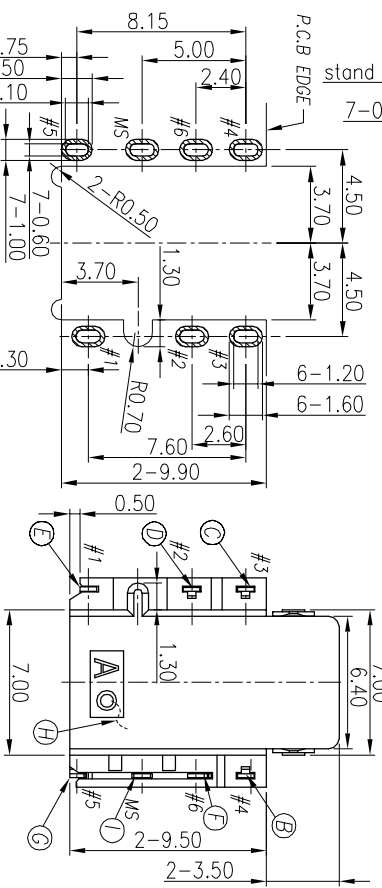
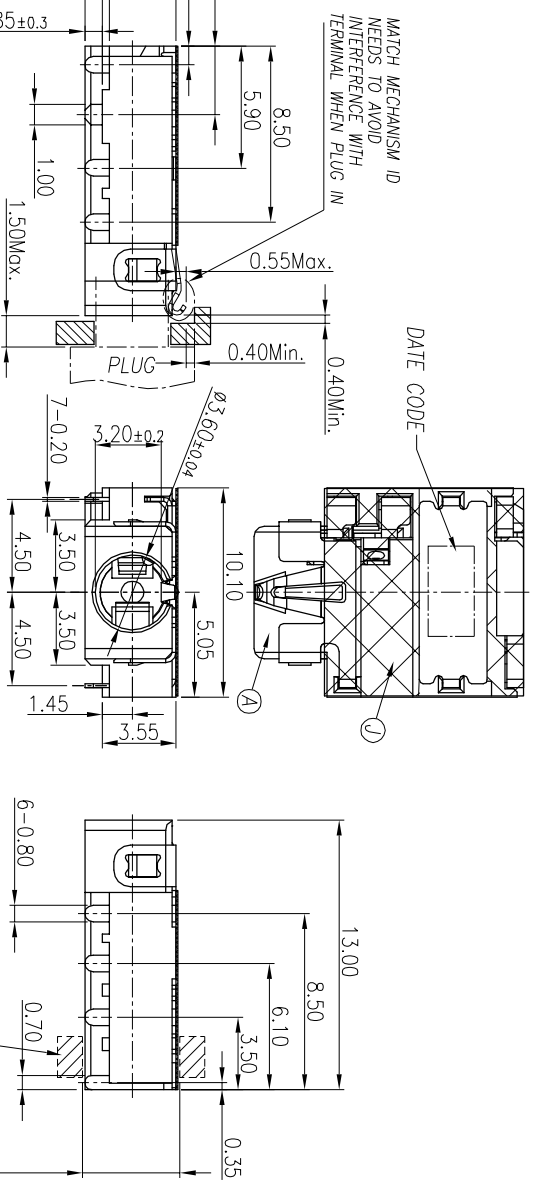


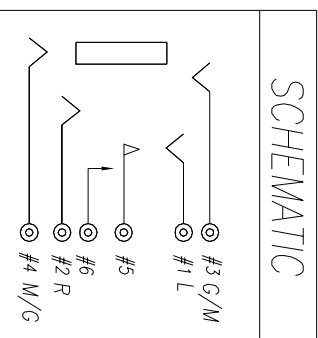
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T210225-3A	wengqing	2021.05.10



RECOMMENDED PCB LAYOUT

TOP VIEW : TOL.±0.05

P.C.B EDGE



- SPECIFICATIONS:
- 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.
 - MECHANICAL CHARACTERISTICS:
 - 2-1. INSERTION FORCE: INITIAL 0.3-3.0kgf;
 - 2-2. WITHDRAWAL FORCE: INITIAL 0.3-3.0kgf;
 3. LIFE TEST: 5,000 CYCLES MIN.
 3. AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
 - PACKAGING : TAPE & REEL.
 - AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
 - TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
 - HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:
 - FOR REFLOW SOLDERING LEAD-FREE PROCESS.
 - PRINTED DATE CODE "MMDD" ON TOP OF CONNECTOR.

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
J	MYLAR	1	KAPTON 0.06t	YELLOW
I	SHELL	1	STAINLESS STEEL 0.2T	$50\mu\text{m}$ MIN. SQUARABLE NICKEL PLATING
H	SEPARATOR	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK
G	TRANSFER TERMINAL	1	PHOSPHOR BRONZE 0.2t	$1\text{-}3\mu\text{m}$ GOLD PLATING ON CONTACT AREA $50\mu\text{m}$ MIN. Ni PLATING ON SOLDER THE AREA AND $50\mu\text{m}$ MIN. NICKEL UNDER PLATING.
F	MAKE TERMINAL	1	PHOSPHOR BRONZE 0.2t	$1\text{-}3\mu\text{m}$ GOLD PLATING ON CONTACT AREA $50\mu\text{m}$ MIN. Ni PLATING ON SOLDER THE AREA AND $50\mu\text{m}$ MIN. NICKEL UNDER PLATING.
E	TIP SPRING	1	PHOSPHOR BRONZE 0.2t	
D	RING A	1	PHOSPHOR BRONZE 0.2t	$50\mu\text{m}$ MIN. Ni PLATING ON SOLDER THE AREA AND $50\mu\text{m}$ MIN. NICKEL UNDER PLATING.
C	RING B	1	PHOSPHOR BRONZE 0.2t	
B	EARTH	1	PHOSPHOR BRONZE 0.2t	
A	BODY	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFIED TOLERANCES

DECIMALS: ANGLES:

X :±0.5 X :±2°

X.X :±0.3 X.X :±1°

X.XX :±0.2

TITLE: 3.5Ø AUDIO JACK R/A TYPE

DWN wengqing PART NO.2S3J108-119211F

CHKD Bruce SCALE 4:1 UNIT: mm

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

CUSTOMER COPY

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