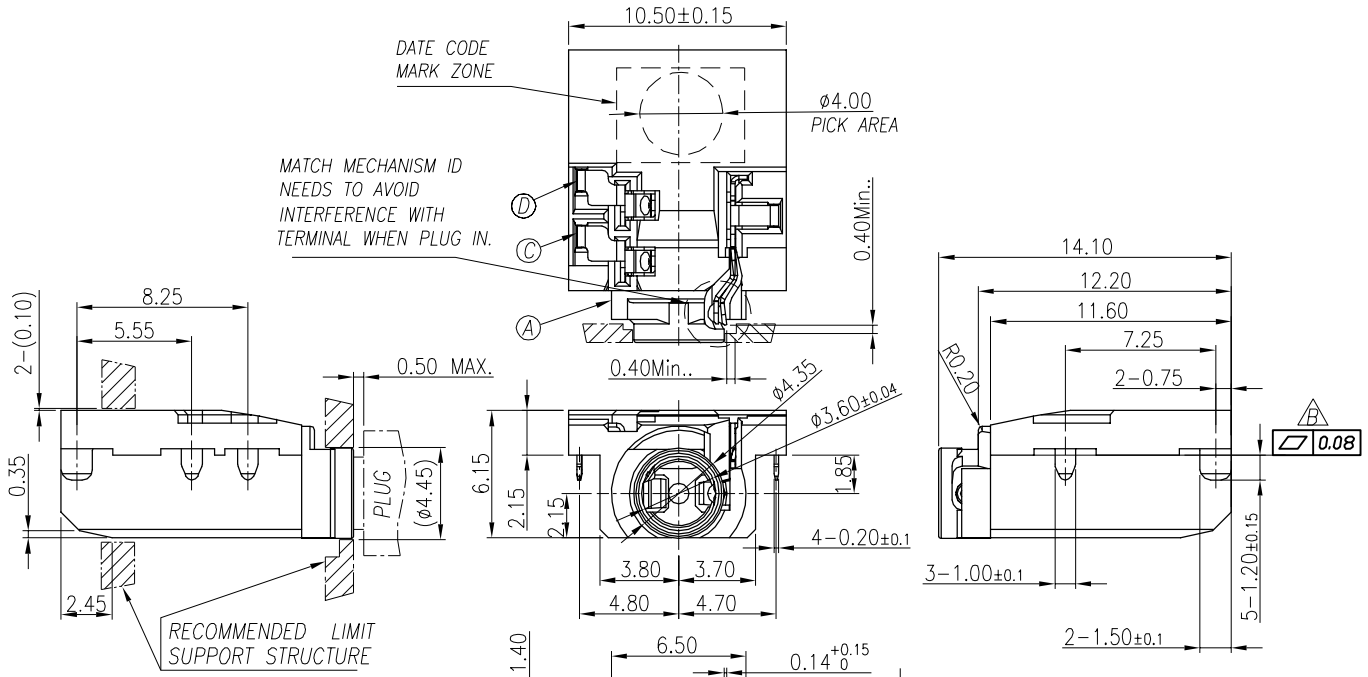
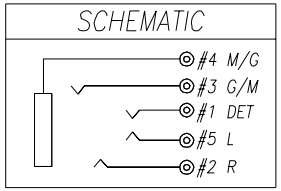
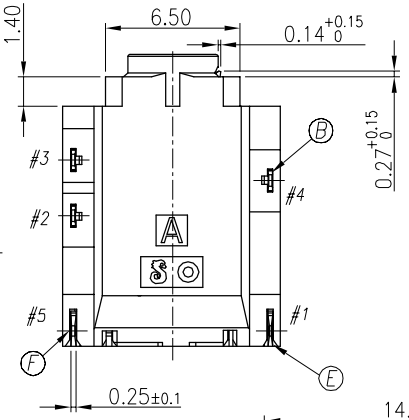
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:S200929-1A	Peng	2021.01.13
B	ECN NO:S202102-C10 (B)	Peng	2021.07.20

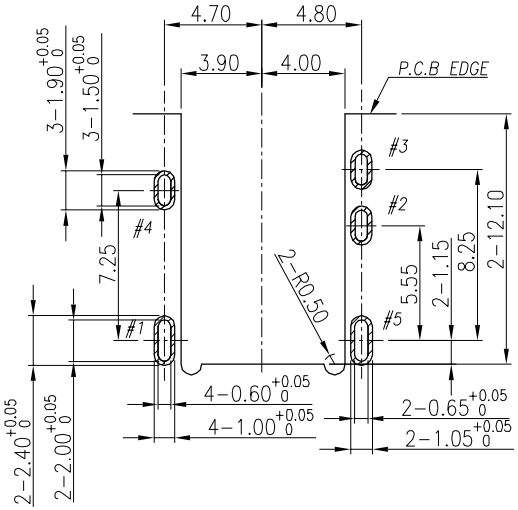


SPECIFICATIONS:

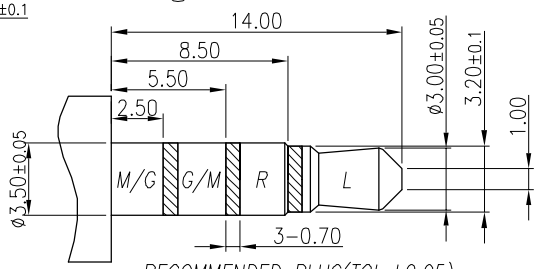
1. ELECTRICAL CHARACTERISTICS:
   1-1. RATING: 12V 1A
   1-2. CONTACT RESISTANCE: 50mΩ MAX.(INITIAL)
   1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
   1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC.
2. MECHANICAL CHARACTERISTICS:
   2-1. INSERTION FORCE: INITIAL 0.7-2.0Kgf (AFTER THE FIFTH TIME); (TEST PLUG ø2.98±0.02mm;)
   2-2.WITHDRAWAL FORCE: INITIAL 0.7-2.5Kgf (AFTER THE FIFTH TIME); (TEST PLUG ø2.98±0.02mm;)
3. LIFE TEST: 10000 CYCLES MIN.
   AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
4. PACKAGING : TAPE & REEL.
5. AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
6. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
7. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
8. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:
9. FOR LEAD-FREE PROCESS.
10. PRINTED DATE CODE" YMD " ON TOP OF CONNECTOR.
11. COMPLY WITH THE THRESHOLD OF SUBSTANCES WHICH ARE SPECIFIED IN ((0QA-2049).







RECOMMENDED PCB LAYOUT
TOP VIEW ; TOL.±0.05



RECOMMENDED PLUG(TOL.±0.05)
ø3.5 4-POLE PLUG

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	L (TIP)	1	STAINLESS STEEL 0.25t	Au 2u" ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" Ni.
E	DET	1	PHOSPHOR BRONZE 0.2t	
D	RING (RING-A)	1	PHOSPHOR BRONZE 0.2t	
C	GROUND (RING-B)	1	PHOSPHOR BRONZE 0.2t	
B	MIC (EARTH)	1	PHOSPHOR BRONZE 0.2t	
A	BODY	1	HIGH TEMP.THERMOPLASTIC	BLACK

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.1, X.X :±0.1, X.XX :±0.1
ANGLES: X :±2°, X.X :±1°

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

TITLE	3.5ø AUDIO JACK		
DWN	Peng	PART NO. 2SJ3183-001111F	
CHKD	Bruce	SCALE 4:1	UNIT: mm
APVD	Liao	SIZE: A3	SHEET:1 OF 1 REV: B

CUSTOMER COPY

文件編號 RD-06-043-A