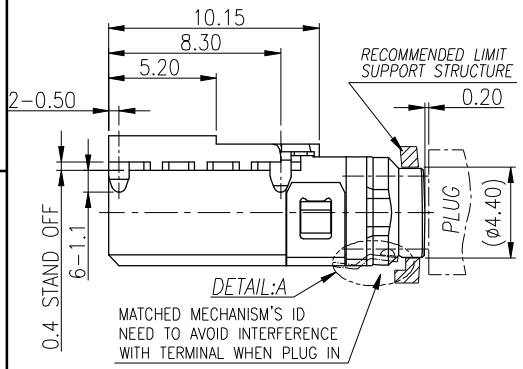
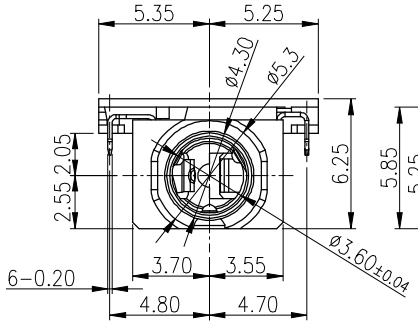
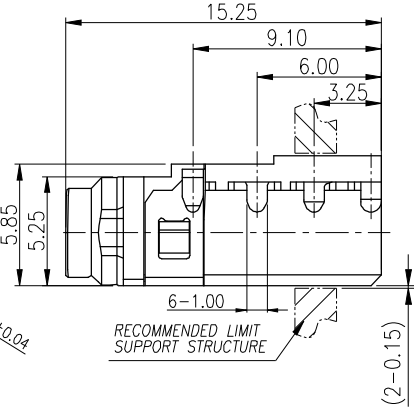
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T230605-2A	Carol	2023.10.08

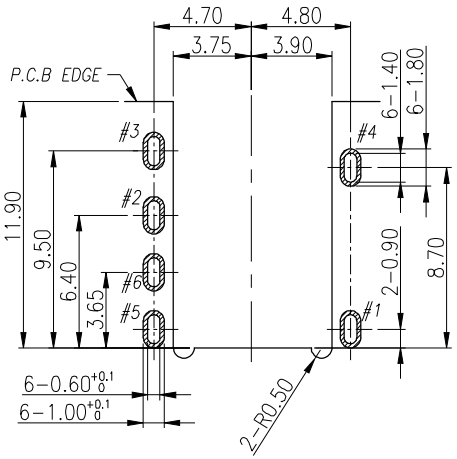






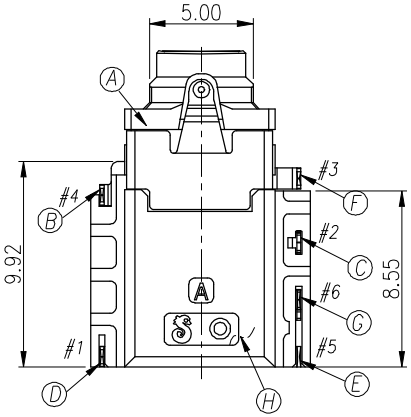
SPECIFICATIONS:

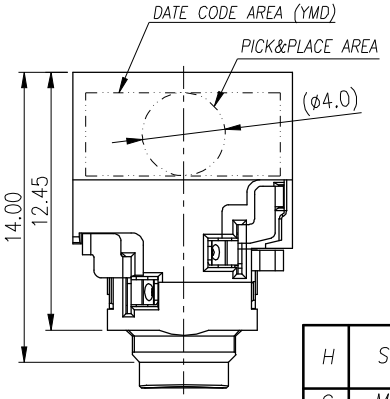
1. ELECTRICAL CHARACTERISTICS:
   1-1. RATING: 12V 1A
   1-2. CONTACT RESISTANCE: 50mΩ MAX.(INITIAL)
   1-3. DIELECTRIC WITHSTANDING VOLTAGE: 500V AC FOR ONE MINUTE.
   1-4. INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC.
2. LIFE TEST: 2,000 CYCLES MIN.
   AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
3. MECHANICAL CHARACTERISTICS:
   3-1. BEFORE LIFE TEST: INSERTION FORCE: 0.8-3.0 Kgf,
   EXTRACTION FORCE: 0.6-1.8 Kgf,
   3-2. AFTER LIFE TEST: INSERTION FORCE: 2.5 Kgf MAX,
   EXTRACTION FORCE: 0.5 Kgf MIN,
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 JACK: ○
8. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING: (HF)
9. FOR LEAD-FREE PROCESS.
10. PRINTED DATE CODE "YMD-" ON TOP OF JACK.

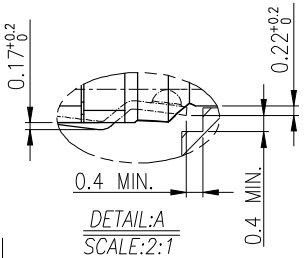


RECOMMENDED PCB LAYOUT

TOP VIEW ; TOL.±0.05

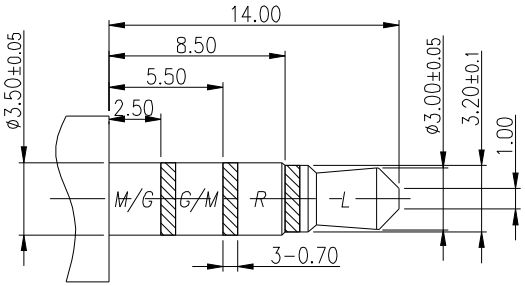






DETAIL:A

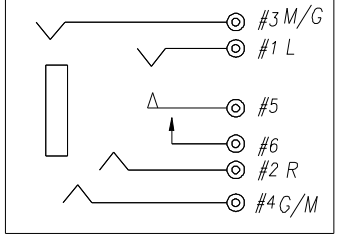
SCALE:2:1



RECOMMENDED PLUG TOL.±0.05

ø3.5 4-POLE STANDARD PLUG

SCHEMATIC



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
H	SEPARATOR	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK
G	MAKE TERMINAL	1	PHOSPHOR BRONZE 0.2T	GOLD FLASH ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" Ni.
F	EARTH	1	PHOSPHOR BRONZE 0.2T	
E	TRANSFER TERMINAL	1	PHOSPHOR BRONZE 0.2T	GOLD FLASH ON CONTACT AREA; MATTE TIN 80u" ON SOLDER AREA; ALL OVER 50u" Ni.
D	TIP SPRING	1	STAINLESS STEEL 0.2T	GOLD FLASH ON CONTACT AREA; GOLD FLASH ON SOLDER AREA; ALL OVER 50u" Ni.
C	RING A	1	PHOSPHOR BRONZE 0.2T	GOLD FLASH ON CONTACT AREA; MATTE TIN 80u" ON SOLDER AREA; ALL OVER 50u" Ni.
B	RING B	1	PHOSPHOR BRONZE 0.2T	
A	BODY	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.5 X.X :±0.3 X.XX :±0.2

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	Carol	PART NO. 2SJ3095-301111F		
CHKD	Bruce	SCALE 4:1	UNIT: mm	
APVD	Liao	SIZE: A3	SHEET:1 OF 1	REV:A

CUSTOMER COPY

文件編號: RD-06-043-A