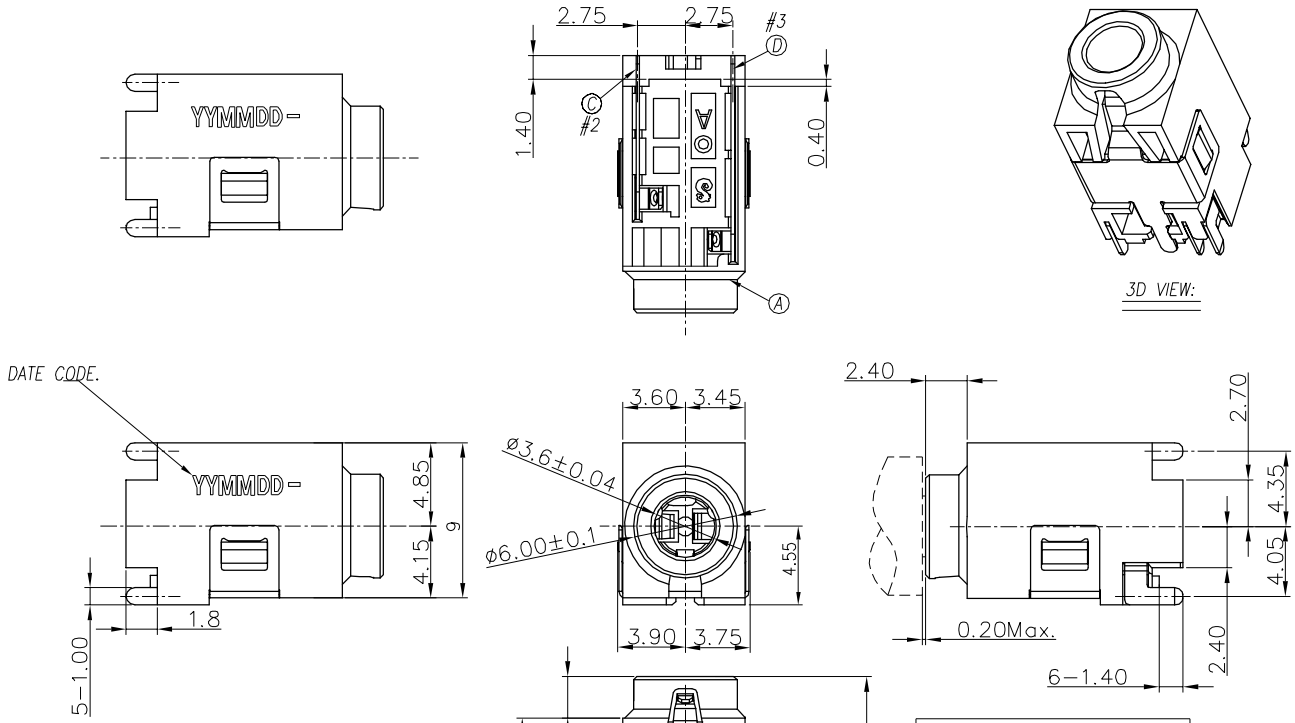
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO: T181227-6A	Peng	2019.05.20
B	ECN NO: S202201-C01 B	JIELIN	2022.02.07



3D VIEW:

RECOMMENDED PCB LAYOUT

TOP VIEW ; TOL.±0.05

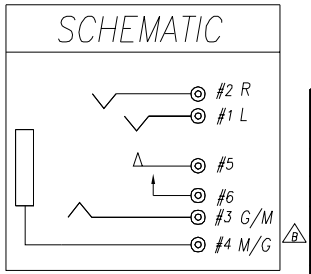
RECOMMENDED PLUG(TOL.±0.05)

ø3.5 4-POLE STANDARD PLUG

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 : 0.5~3.0 KGF
   2-2. WITHDRAWAL FORCE : 0.5~3.0 KGF
3. LIFE TEST: 5,000 CYCLES MIN.
4. AFTER LIFE TEST, CONTACT RESISTANCE: 100mΩ MAX.
5. PACKAGING : TAPE & REEL.
6. MARKING: MARK" " ON CONNECTOR.
7. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
8. HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT:
9. HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING:
10. IR REFLOW: 270° 5seconds

SCHEMATIC



NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
H	SEPARATOR	1	HIGH TEMP.THERMOPLASTIC UL 94V-0	BLACK
G	TRANSFER-TERMINAL	1	PHOSPHOR BRONZE 0.2t	1~3μin GOLD PLATING ON CONTACT AREA, 1~3μin GOLD PLATING ON SOLDER TAIL AREA, AND 50μin NICKEL UNDERPLATING.
F	MAKE-TERMINAL	1	PHOSPHOR BRONZE 0.2t	
E	TIP-SPRING	1	SUS 304-1/2H 0.25t	
D	RING-B	1	PHOSPHOR BRONZE 0.2t	
C	RING-A	1	PHOSPHOR BRONZE 0.2t	
B	EARTH-SPRING	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	JIELIN	PART NO. 2SJ3170-011111F		
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