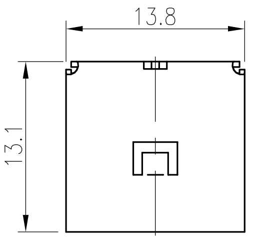
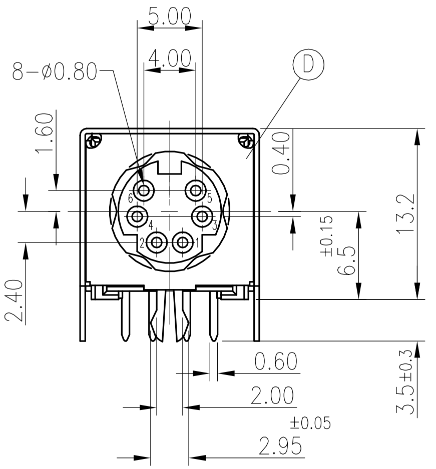
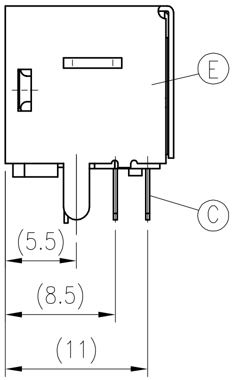
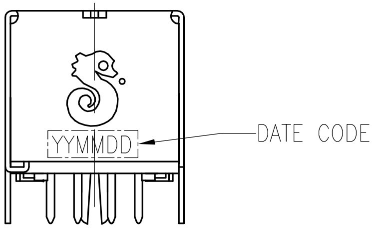
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	ECN NO:. C202203-R04	Zhongjian	2022.05.10



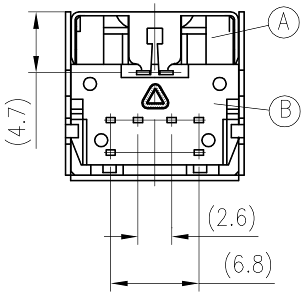


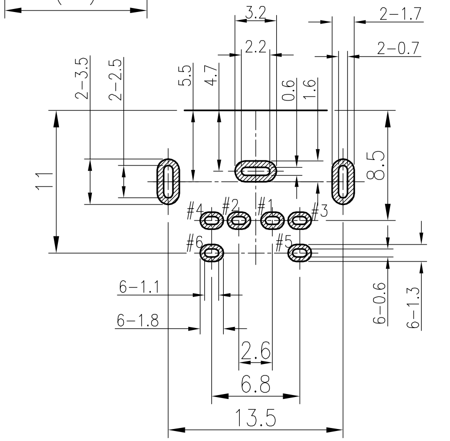




1. CURRENT CARRYING CAPACITY:
   1-1. AC:100V 1A MAX.
   1-2. DC:12V 3A MAX.
2. CONTACT RESISTANCE:
   2-1. INITIAL, BEFORE LIFE CYCLE TEST.
   PIN TO CONTACT: 30mΩ MAX.
   PLUG SHIELD TO CONNECTOR: 50mΩ MAX.
   2-2.AFTER LIFE CYCLE TEST.
   PIN TO CONTACT: 80mΩ MAX.
   PLUG SHIELD TO CONNECTOR: 100mΩ MAX.
3. INSULATION RESISTANCE:
   BETWEEN ANY ADJACENT OPEN CONTACTS SHALL NOT BE LESS THAN 100MΩ AT 250V DC INSULATION RESISTANCE TEST.
4. DIELECTRIC STRENGTH:
   A POTENTIAL OF 250V AC R.M.S. 50/60HZ SHALL BE APPLIED BETWEEN ANY OPEN CONTACTS FOR ONE MINUTE WITHOUT BREAKDOWN.
5. INSERTION FORCE:4.5Kg MAX.
6. WITHDRAWAL FORCE: 0.8Kg - 3.5Kg.
7. SINGLE CONTACT MAINTENANCE FORCE: 30g MIN.
   BETWEEN EACH CONTACT AND MATCHING PIN (0.6 $^{+0}_{-0.03}$DIA).
8. LIFE CYCLE TEST:
   CONNECTOR SHALL BE SUBJECT TO 5,000 CYCLES AT 10 TO 20 CYCLES PER MINUTE WITH NO ELECTRICAL LOAD.
9. MARKING:MARK "§" ON REAR OF CONNECTOR.
10. TO CONFORM TO THE SINGATRON HSF SPEC.
11. GREEN PRODUCT IDENTIFICATION MARK ON JACK: △
12. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
13. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
14. PRINTED DATE CODE" YYMMDD " ON TOP OF CONNECTOR.
    DATE CODE: YYMMDD

DD: DAY
MM: MONTH
YY: YEAR





RECOMMENDED PCB LAYOUT (SOLDER SIDE)

BOTTOM VIEW (TOLRANCE: ±0.05)

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
E	SHIELDING B	1	SPCC 0.4t	TIN PLATING (LF)
D	SHIELDING A	1	COPPER ALLOY 0.3t	TIN PLATING (LF)
C	CONTACT	6	COPPER ALLOY 0.3t	SILVER PLATING
B	COVER	1	THERMOPLASTIC	BLACK COLOR
A	BODY	1	THERMOPLASTIC	BLACK COLOR

UNLESS OTHERWISE
SPECIFED TOLERANCES

DECIMALS: ANGLES:
X :±0.5 X :±2°
X.X :±0.3 X.X :±1°
X.XX :±0.2

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

TITLE MINIATURE DIN CONNECTOR(WITH GROUND FINGER)
DWN Zhongjian-Wu PART NO. 2MJ-1514A110
CHKD Stone-Zhu SCALE 1:1 UNIT: mm
APVD Jim-Deng SIZE: A3 SHEET: 1OF1 REV: A

CUSTOMER COPY