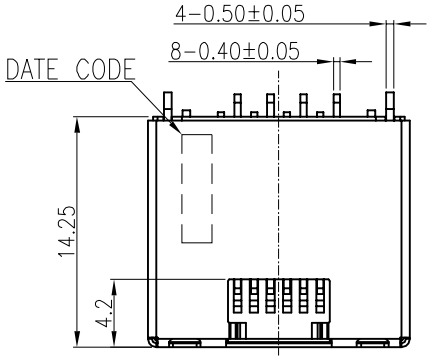
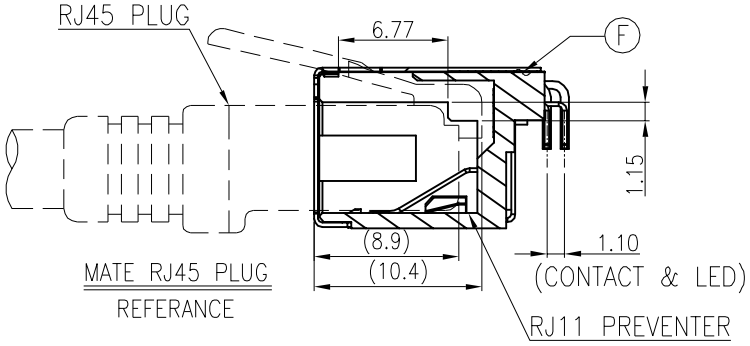
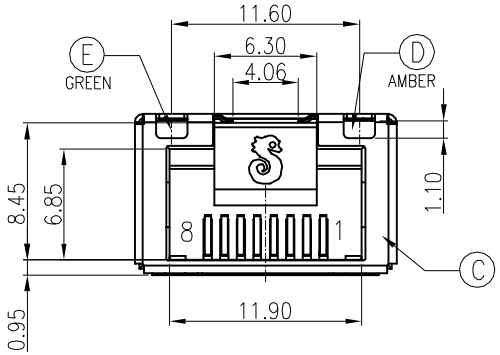
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	PDR NO:T190819-2A	BING	2020.07.01

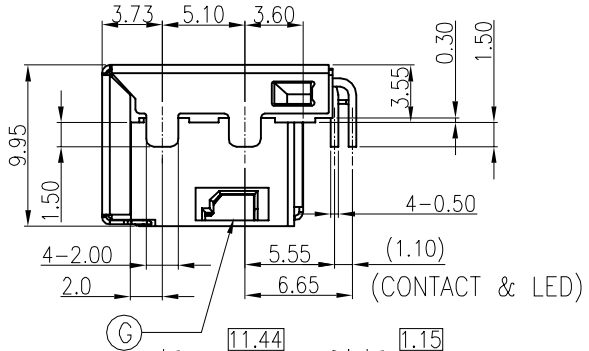


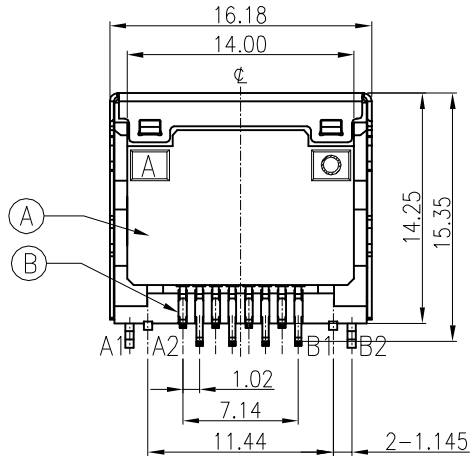


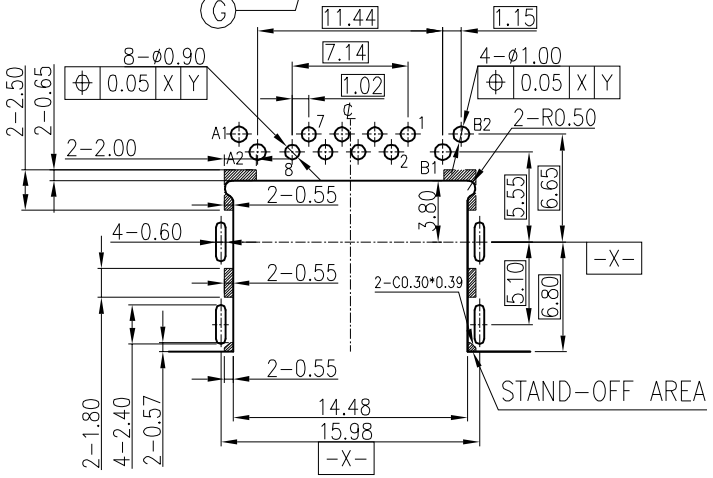
SPECIFICATIONS:

1. ELECTRICAL CHARACTERISTICS:
   - 1-1. CURRENT RATING: 0.5A MAX.
   - 1-2. VOLTAGE RATING: 150V MAX.
   - 1-3. CONTACT RESISTANCE : 50mΩ MAX.(INITIAL).
     100mΩ MAX.(AFTER LIFE TEST).
   - 1-4. INSULATION RESISTANCE : 100MΩ MIN.
2. MECHANICAL CHARACTERISTICS:
   - 2-1. DURABILITY: 5000 CYCLES.
   - 2-2. INSERTION FORCE: 2.1Kg MAX. WITHOUT LATCH.
   - 2-3. EXTRACTION FORCE: 3.0Kg MIN. WITH LATCH .
   - 2-4. OPERATING TEMPERATURE: -30℃ ~ +70℃.
3. MARKING: MARK" " INSIDE OF THE CONNECTOR.
4. PACKAGING : TAPE & REEL.
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
6. HALOGEN FREE PRODUCT IDENTIFICATION
   MARK ON PRODUCT:
7. HALOGEN FREE PRODUCT IDENTIFICATION LOGO
   ON THE PACKAGING:
8. FOR REFLOW SOLDERING LEAD-FREE PROCESS.
9. PRINTED DATE CODE" YY MM DD " ON TOP OF THE CONNECTOR.
   - DD: DAY
   - MM: MONTH
   - YY: YEAR









RECOMMENDED PCB LAYOUT
TOP VIEW ; TOL.±0.05
(PCB THICKNESS=1.20mm)

NODE	COLOR	
A1(+) A2(-)	GREEN	A1⊣▷⊢A2
B1(+) B2(-)	AMBER	B1⊣▷⊢B2

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
G	STOP	2	HIGH TEMP.THERMOPLASTIC	UL 94V-0 & BLACK
F	MYLAR	1	15.2*7.0 T:0.06mm	YELLOW
E	LED	1		GREEN
D	LED	1		AMBER
C	SHELL	1	STAINLESS STEEL T:0.25mm	NI PLATING ALL OVER
B	8P8C CONTACT	8	PHOSPHOR BRONZE T:0.25mm	30u" Au ON CONTACT AREA; Matte Sn 120u" ON SOLDER TAIL; ALL OVER Ni 50u"MIN.
A	BODY	1	HIGH TEMP.THERMOPLASTIC	UL 94V-0 & BLACK

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	RJ45 JACK			
DWN	BING	PART NO. 2RJ3047-128111F		
CHKD	Allen	SCALE 4:1	UNIT: mm	
APVD	Boye	SIZE: A3	SHEET:1 / 1	REV: A

CUSTOMER COPY

文件編號 RD-06-043-A