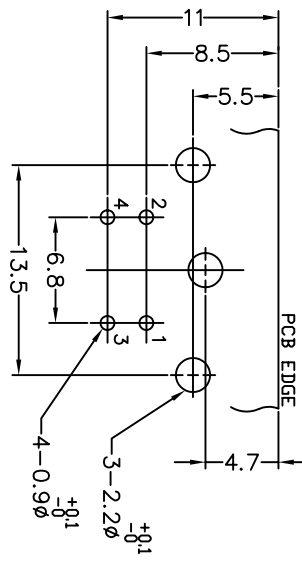
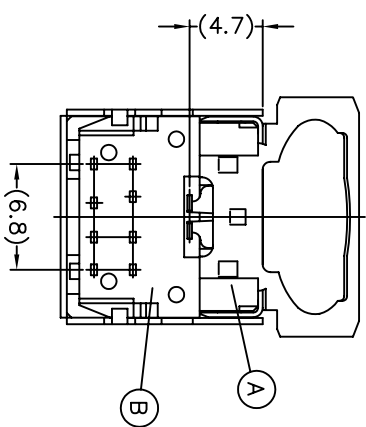
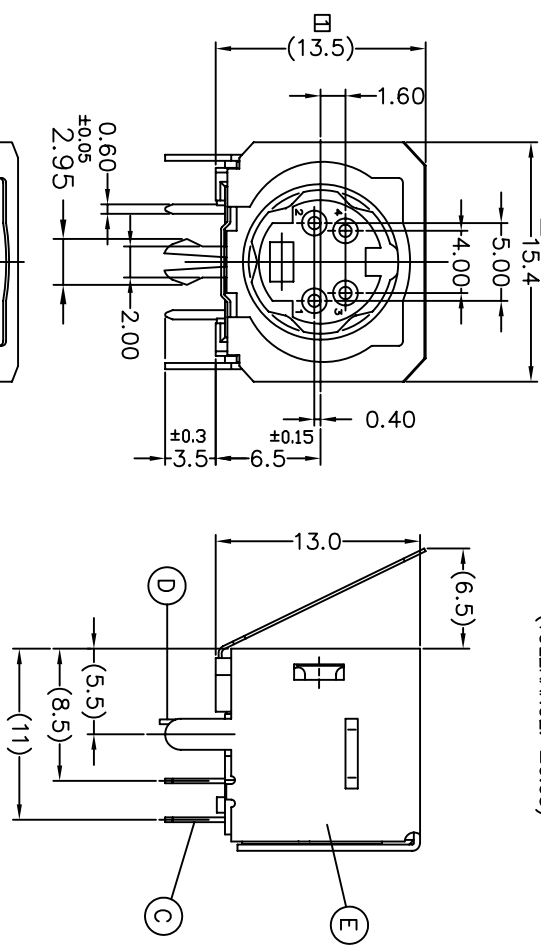


REV	ECN NO OR DESCRIPTION	REVISED	DATE
A	PRODUCT RELEASE	HANSON	11/14-'05



RECOMMENDED PCB LAYOUT  
SOLDER SIDE  
(TOLERANCE: ±0.05)



**SPECIFICATIONS:**

- CURRENT CARRYING CAPACITY:
  - AC: 100V 1A MAX.
  - DC: 12V 3A MAX.
- CONTACT RESISTANCE:
  - INITIAL, BEFORE LIFE CYCLE TEST.  
PIN TO CONTACTOR: 30mΩ MAX.  
PLUG SHIELD TO CONNECTOR: 50mΩ MAX.
  - AFTER LIFE CYCLE TEST.  
PIN TO CONTACTOR: 80mΩ MAX.  
PLUG SHIELD TO CONNECTOR: 100mΩ MAX.
- INSULATION RESISTANCE:  
BETWEEN ANY ADJACENT OPEN CONTACTS SHALL NOT BE LESS THAN 100MΩ AT 250V DC INSULATION RESISTANCE TEST.
- DIELECTRIC STRENGTH:  
A POTENTIAL OF 250V AC RMS, 50/60HZ SHALL BE APPLIED BETWEEN ANY OPEN CONTACTS FOR ONE MINUTE WITHOUT BREAKDOWN.
- INSERTION FORCE: 4.5kg MAX.
- WITHDRAWAL FORCE: 0.8kg - 3.5kg.
- SINGLE CONTACT MAINTAINANCE FORCE: 30g MIN. BETWEEN EACH CONTACT AND MATCHING PIN (0.6-2.8Ø DIA).
- LIFE CYCLE TEST:  
CONNECTOR SHALL BE SUBJECT TO 5,000 CYCLES AT 10 TO 20 CYCLES PER MINUTE WITH NO ELECTRICAL LOAD.
- MARKING: MARK "S" ON REAR OF CONNECTOR.
- TO conform to the "SE-01-00" and "The European Restrictions on Hazardous Substances (RoHS) Directive"
- Green product identification mark in Jack :
- Green product identification label in packing :
- For lead-free process.

G.P. PASS

F	GROUNDING SPRING	1	STAINLESS 0.2t		
E	SHIELDING B	1	SPCC 0.4t	NICKEL PLATING	
D	SHIELDING A	1	C2680-H 0.3t	NICKEL PLATING	
C	CONTACTOR	4	C2680-H 0.3t	SILVER PLATING	
B	COVER	1	PA9T+30%GF (GN2330-1) UL 94V-0	GRAY COLOR	
A	BODY	1	PA9T+30%GF (GN2330-1) UL 94V-0	GRAY COLOR	

UNLESS OTHERWISE SPECIFIED TOLERANCES

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

**Singatron Enterprise Co., Ltd.**  
信譽企業股份有限公司

TITLE: MINATURE DIN CONNECTOR(WITH SHIELD)  
DWG: 2005.11.16  
CHKD: 2005.11.16  
APVD: 2005.11.16

PART NO. 2MJ-1512-034  
SCALE: 3/1  
UNIT: mm  
SIZE: A3  
SHEET: 1 OF 1  
REV: A

CUSTOMER COPY

