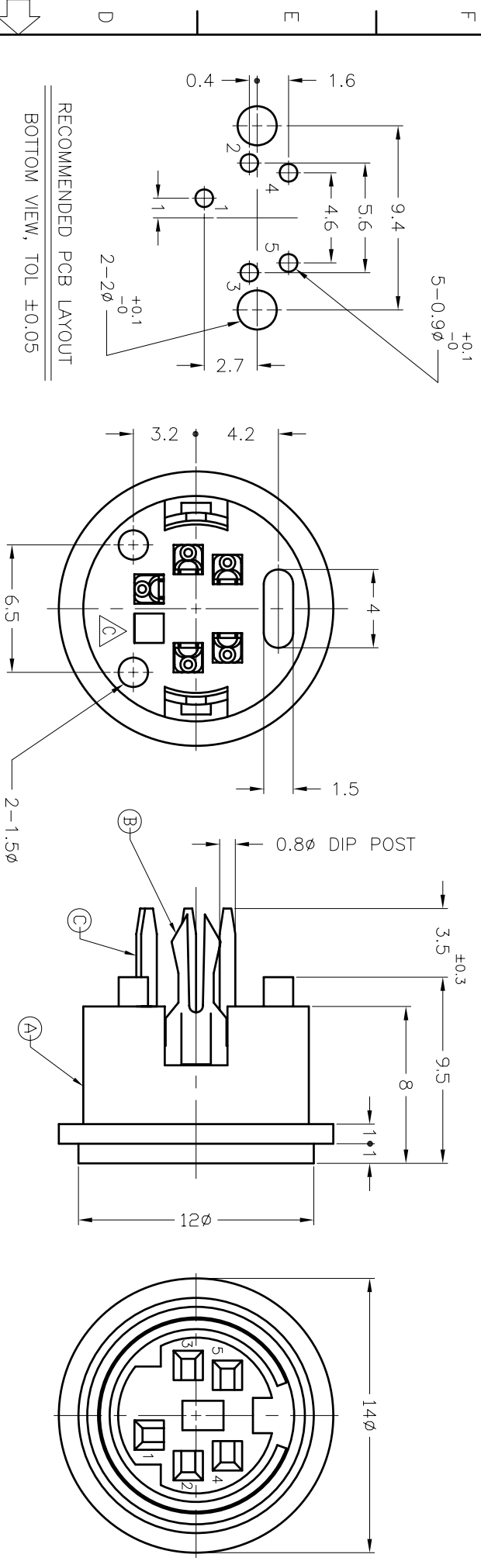


REV.	EGN NO.	OR DESCRIPTION	REVISED	DATE
C	DWG UPDATE	C090024	R.YUAN	2009.05.24



RECOMMENDED PCB LAYOUT  
BOTTOM VIEW, TOL  $\pm 0.05$

- SPECIFICATIONS:
1. CURRENT CARRYING CAPACITY: 1A 100VAC MAX. OR 2A 12VDC MAX.
  2. CONTACT RESISTANCE: 30m $\Omega$  MAX.
  3. INSULATION RESISTANCE: 100M $\Omega$  MIN. AT 250VDC
  4. DIELECTRIC STRENGTH: 250VAC 1 MINUTE WITHOUT BREAKDOWN
  5. INSERTION FORCE: 0.8KG  $\sim$  5KG
  6. WITHDRAWAL FORCE: 0.8KG  $\sim$  4KG
  7. SINGLE CONTACT MAINTENANCE FORCE: 20g MIN. (TEST PIN: 0.6 $\phi$ )
  8. CONTACT PULL STRENGTH: 1KG MIN.
  9. LIFE CYCLE TEST: 5000 CYCLES, @10 $\sim$ 20 CYCLES PER MINUTE WITH NO ELECTRICAL LOAD
  10. MOISTURE RESISTANCE TEST: 500 HOURS @90% TO 95%, @40 $\pm$ 2 $^{\circ}$ C
  11. HEAT RESISTANCE TEST: 500 HOURS @100 $\pm$ 2 $^{\circ}$ C
  12. OPERATION TEMPERATURE: -10 $^{\circ}$ C TO 60 $^{\circ}$ C
  13. SOLDERABILITY TEST: DEWET PERCENTAGE 95% MIN. (LIMITED TO SILVER & TIN PLATING)
  14. SOLDERING HEAT TEST: @260 $\pm$ 10 $^{\circ}$ C FOR 10 $\pm$ 0.5 SECONDS
  15. FOR WAVE SOLDERING LEAD-FREE PROCESS.
  16. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
  17. GREEN PRODUCT IDENTIFICATION MARK ON JACK: **▲**
  18. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
  19. UNLESS OTHERWISE SPECIFIED TOLERANCE ARE  $\pm 0.2$

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
C	CONTACT	5	COPPER ALLOY 0.2T	SILVER PLATING
B	EARTH TERMINAL	1	COPPER ALLOY 0.4T	NICKEL PLATING
A	BODY	1	THERMO PLASTIC, UL94V-0, BLACK	

UNLESS OTHERWISE SPECIFIED TOLERANCES

Singatron Enterprise Co., Ltd.  
信亨企業股份有限公司

TITLE	MINATURE	DIN CONNECTOR (VERTICAL TYPE)
DWM	R.YUAN	PART NO. 2M-0303A111
CHKD		SCALE 4:1 UNIT: mm
APVD	ROBIN	SIZE: A3 SHEET: 1 OF 1 REV: C

DECIMALS: ANGLES:

X :  $\pm 0.5$  X :  $\pm 2^{\circ}$   
 X.X :  $\pm 0.3$  X.X :  $\pm 1^{\circ}$   
 X.XX :  $\pm 0.2$

**CUSTOMER COPY**