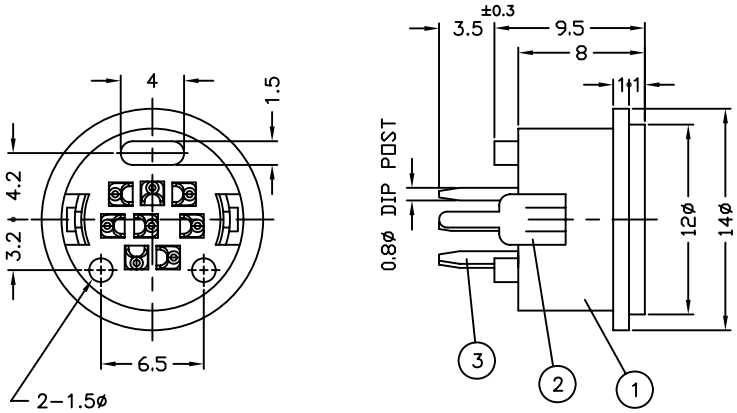
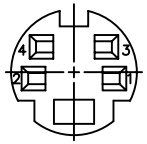
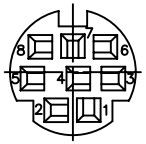
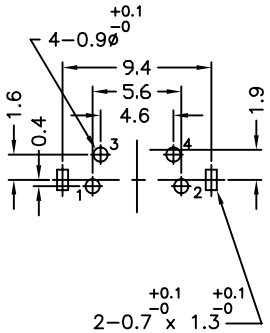
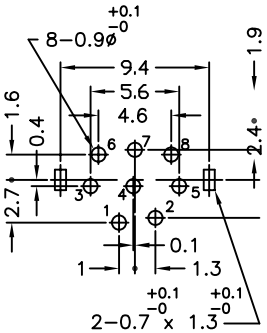
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
B	1 新增 SPEC. 17.	YUN	7/5-'01
C	6 料號瘦身，ECN NO.:T0900047	KENSON	8/20'09

ORDERING CODE:

2MJ-03A□A110 (6)

SEE SERIES NO.



ARRANGEMENT OF CONTACTS		
SERIES NO.	2MJ-03A2A110	2MJ-03A6A110
NO. OF CONTACTS	4 CONTACTS	8 CONTACTS
PCB LAYOUT (BOTTOM VIEW)		

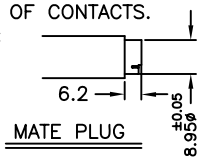
SPECIFICATIONS:

1. CURRENT CARRYING CAPACITY: 1A 100VAC MAX. OR 2A 12VDC MAX.
2. CONTACT RESISTANCE: 30mΩ MAX.
3. INSULATION RESISTANCE: 100MΩ MIN. AT 250VDC
4. DIELECTRIC STRENGTH: 250VAC 1 MINUTE WITHOUT BREAKDOWN
5. INSERTION FORCE: 0.8KG ~ 5KG
6. WITHDRAWAL FORCE: 0.8KG ~ 4KG
7. SINGLE CONTACT MAINTAINENCE FORCE: 20g MIN. (TEST PIN: 0.6ø)
8. CONTACT PULL STRENGTH: 1KG MIN.
9. LIFE CYCLE TEST: 5000 CYCLES, @10 TO 20 CYCLES PER MINUTE WITH NO ELECTRICAL LOAD
10. MOISTURE RESISTANCE TEST: 500 HOURS @90% TO 95%, @40°C±2°C
11. HEAT RESISTANCE TEST: 500 HOURS @100°C±2°C
12. OPERATION TEMPERATURE: -10°C TO 60°C
13. SOLDERABILITY TEST: DEWET PERCENTAGE 95% MIN. (LIMITED ON SILVER LATING)

    TEST CONDITION:

SOLDER	FLUX	TEMPERATURE	DWELL TIME
Sn60/PB40	25% BY WEIGHT OF ROSIN 75% BY WEIGHT OF ALCOHOL	232°C±5°C	5±0.5 SECONDS

14. SOLDERING HEAT TEST: @260°C±10°C FOR 10±0.5 SECONDS
15. UNLESS OTHERWISE SPECIFIED TOLERANCE ARE ±0.2
16. *: SEE NO. OF CONTACTS.
17. (1) MATE PLUG:



MATE PLUG

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
3	CONTACTOR	*	PHOSPHOR BRONZE 0.2t	SILVER PLATING
2	EARTH TERMINAL	1	BRASS 0.4t	TIN PLATING
1	BODY	1	PBT UL 94V-0	BLACK COLOR

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: X :±0.3, X.X :±0.2, X.XX :±0.1, X.XXX :±0.05

ANGLES: X :±1°, X.X :±0.5°

Singatron Electronic(Chung-Shan) Co., Ltd.
信電子(中山)有限公司

TITEL	MINIATURE DIN CONNECTOR (VERTICAL TYPE)			
DWN	KENSON 8/20'09	PART NO. 2MJ-03A□A110		
CHKD	HARVEY 8/20'09	SCALE: N/A	UNIT: mm	
APVD	ROBIN 8/20'09	SIZE: A3	SHEET: 1OF1	REV: C

ENGINEERING COPY

文件編號:RD-06-035-2A