



ORDERING CODE:  
2MJ-030XA110  
SEE SERIES NO.

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
D	1.依PDR要求,在原2MJ-0304A110的基礎上,另新增一款規格; 2.ECN NO.C080172-5/5.	JUNHUA	2008.08.26
E	1.刪除料號2MJ-0304-002;另外單獨出圖. 2.ECN NO.C080192-1/3.	JUN HUA	2008.11.14
F	ECN NO: C202104-R01	HuangYu	2021.06.23
G	ECN NO: C202207-C02	HuangYu	2022.08.01

SPECIFICATIONS:

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

- SOLDERING HEAT TEST: @260°C±10°C FOR 10±0.5 SECONDS
- \*:SEE NO. OF CONTACTS.
- SOLDERING CONDITION: WAVE SOLDERING.
- TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC
- GREEN PRODUCT IDENTIFICATION MARK ON JACK:
- GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING:
- D/C DESCRIPTION: **YYMDD**  
DAY  
MONTH  
YEAR
- DESCRIPTION OF TERMINAL CLAMP: UNDER NORMAL CIRCUMSTANCES, THE THICKNESS OF TERMINAL WALL IS 2/3, WHICH DOES NOT EXCEED THE PLASTIC HOLE. WHEN USING, IT IS SUBJECT TO THE ACTUAL CONFIGURATION.

ARRANGEMENT OF CONTACTS			
SERIES NO.	2MJ-0302A110	2MJ-0304A110	2MJ-0306A110
NO. OF CONTACTS	4 CONTACTS	6 CONTACTS	8 CONTACTS
PCB LAYOUT (BOTTOM VIEW)(TOL. ±0.05)			

C	EARTH TERMINAL	1	BRASS 0.4T	Ni 60u"MIN, Cu底80u"MIN.
B	CONTACTOR	6	COPPER ALLOY,0.2T	Ag 40u"MIN, Ni底20u"MIN.
A	BODY	1	PBT+15% GF UL(4815) 94V-0	BLACK COLOR
NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES			Singatron Enterprise Co., Ltd. 信音企業股份有限公司	
DECIMALS:		ANGLES:	TITLE: MINIATURE DIN CONNECTOR	
X	:±0.3	X	:±1°	DWN Yu-Huang PART NO: 2MJ-030XA110
X.X	:±0.2	X.X	:±0.5°	CHKD Stone-Zhu SCALE 1:1 UNIT: mm
X.XX	:±0.1			APVD Jim-deng SIZE: A3 SHEET: 10F1 REV: G
X.XXX	:±0.05			CUSTOMER COPY