



Mating Plug only SINGATRON
 PART NO. 2DP-0053-K02

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
B	ECN NO: T080105 增加轉合強度修改結構	EVEN	2008.06.19
C	ECN NO: T080116 RATING變更	EVEN	2008.07.01
D	ECN NO: S1206A2	ANDY	2012.12.14
E	ECN NO: S170135-Q	YUREN	2017.4.27
F	ECN NO: S180111-R	XUEHUA	2018.02.27

- SPECIFICATIONS:
- 1.INSERTION FORCE: 0.6KG~2.0KG
 WITHDRAWAL FORCE: 0.4KG~2.0KG
 - 2.INSULATION RESISTANCE BETWEEN ANY
 ADJACENT TERMINALS SHALL NOT BE LESS
THAN 100 MΩ AT 500 VDC.
 - 3.JACK SHALL WITHSTAND 500 VOLTS BETWEEN ANY ADJACENT
 TERMINAL FOR ONE MINUTE.
 - 4.CONTACT RESISTANCE SHALL NOT EXCEED 100mΩ
 - 5.JACK SHALL WITHSTAND 10000 CYCLES OF INSERTION AND
 WITHDRAWAL WITH TESTING PLUG,AND CONTACT RESISTANCE
SHALL NOT EXCEED 100mΩ
 - 6.RATING:DC 12V 3A DEPAND ON MATING
 - 7.TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
 - 8.GREEN PRODUCT IDENTIFICATION MARK ON JACK:
 - 9.GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **Q.P. PASS**
 - 10.PACKAGING: BAG.
 11. FOR REFLOW SOLDERING LEAD-FREE PROCESS.

E	TERMINAL	1	COPPER ALLOY 0.2t	可焊Ni 60u"Min
D	PIN	1	BRASS BAR	GOLD FLASH(1u" Min)
C	SHELL	1	COPPER ALLOY 0.2t	可焊Ni 50u" Min
B	SPRING	1	COPPER ALLOY 0.2t	GOLD FLASH ONCONTACT AREAS AND SOLDER TAIL/OVER Ni 50u" MIN
A	BODY	1	HIGH TEMP. THERMOPLASTIC UL 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	DC POWER JACK	
X :±0.5	X :±2°	DWN	XUEHUA PART NO. 2DC-0053-K06	
X.X :±0.3	X.X :±1°	CHKD	RON	SCALE 5:1 UNIT: mm
X.XX :±0.2		APVD	LUSSEN	SIZE: A3 SHEET:1 OF 1 REV:F
CUSTOMER COPY				