



- SPECIFICATIONS:
- INSULATION RESISTANCE BETWEEN ANY ADJACENT OPEN CIRCUIT TERMINAL SHELL NOT BE LESS THAN 100M Ω
 - MEASURED BY 500 VDC MEGGER.
 - CONTACT RESISTANCE: 30mΩ MAX.
 - INSULATION VOLTAGE WITHSTAND: 500V AC FOR ONE MINUTE.
 - UNLESS OTHERWISE SPECIFIED, TEST IS TO BE MADE AT 5-35°C IN TEMPERATURE AND 45-85% IN HUMIDITY. BUT IF ANY TABLE DATA IS OCCURED ON TEST RESULT, ANOTHER TEST SHALL BE MADE AT 20°C±2°C IN TEMP., 60-70% IN HUMIDITY.
 - LIFE TEST: 5,000 CYCLES MIN. (NON-LOAD)
 - INSERTION FORCE: 0.4 - 3kg.
 - WITHDRAWAL FORCE: 0.3 - 2kg.
 - AFTER LIFE TEST, CONTACT RESISTANCE: 50mΩ MAX.
 - AFTER HUMIDITY TEST, INSULATION RESISTANCE: 50MΩ MIN.
 - MARKING: "MAR" * ON TOP OF CONNECTOR.
 - PACKAGING: TAPE & REEL.
 - TO CONFORM TO SINGAFARON HAZARDOUS SUBSTANCE FREE SPEC
 - HALOGEN FREE PRODUCT IDENTIFICATION MARK ON PRODUCT.
 - HALOGEN FREE PRODUCT IDENTIFICATION LOGO ON PACKAGING.
 - FOR LEAD-FREE PROCESS.

REV	EQUIV. NO. OR DESCRIPTION	REVISED	DATE
B	EQUIV. NO: S091120	10m	2009.11.19
C	EQUIV. NO: S100324	Allen	2010.03.26
D	EQUIV. NO: S100839	Soldier	2010.10.12
E	EQUIV. NO: S120240	Angus	2012.03.26

H	SHIELDING	1	SUS 0.12T	Ni: 60μ" MIN.
G	TRANSFER TERMINAL	1	PHOSPHOR BRONZE 0.2T	20μ" SN ON SOLDER 250μ" FLASH ON CONTACT AREA 1μ" OVER 50μ" Ni.
F	BREAK TERMINAL	1	PHOSPHOR BRONZE 0.2T	20μ" SN ON SOLDER 250μ" FLASH ON CONTACT AREA 1μ" OVER 50μ" Ni.
E	RING SPRING	1	PHOSPHOR BRONZE 0.2T	Ag 20μ" Min, OVER 50μ" Ni.
D	SHUNT TERMINAL-A	1	BRASS 0.25T	Ag 20μ" Min, OVER 50μ" Ni.
C	TIP SPRING	1	PHOSPHOR BRONZE 0.25T	Ag 20μ" Min, OVER 50μ" Ni.
B	EARTH	1	COPPER ALLOY 0.3T	OVER 50μ" Ni.
A	BODY	1	HIGH TEMP THERMOPLASTIC UL 94V-0	BLACK

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
UNLESS OTHERWISE SPECIFIED TOLERANCES				
Singaton Enterprise Co., Ltd. 信登企業股份有限公司				
DECIMALS:	ANGLES:	TITLE		
X : ±0.5	X : ±.2°	3.5φ PHOVB JACK		
X.X : ±0.3	X.X : ±.1°	CHKD	Angus	PART NO. 2S1-SS31-048
X.XX : ±0.2		APVD	Tomy	SCALE: 4:1 UNIT: mm
				SIZE: A3 SHEET: 1 OF 1 REV: B

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