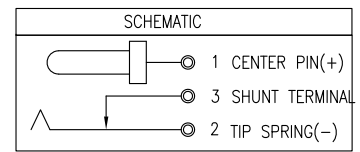


REV.	ECN NO OR DESCRIPTION	REVISED	DATE
K	ECN NO.:T0900047	KENSON	8/18'09
L	ECNNO.:T0900047 取消料號: 2DC-0505C/F/G100	HAODU	2010.5.21
M	ECN.:C120259 MODIFY SPECIFICATIONS	DAOWEN	2012.08.09
N	ECN.:C140008 MODIFY TIP SPRING STRUCTURE	Kermit	2014.03.14

SPECIFICATIONS:

- ELECTRICAL CHARACTERISTICS:
 - RATING: 16VDC 3A
 - CONTACT RESISTANCE: 30mΩ MAX.(INITIAL)
 - DIELECTRIC WITHSTANDING VOLTAGE: 250V AC FOR ONE MINUTE
 - INSULATION RESISTANCE: 100MΩ MIN. MEASURED BY 500 VDC
- MECHANICAL CHARACTERISTICS:
 - INSERTION FORCE : 0.2~3.0 KGF
 - WITHDRAWAL FORCE : 0.2~3.0 KGF
- LIFE TEST: 5,000 CYCLES MIN.
- MESURING CONDITION:
 - TEMPERATURE: 5~35°;
 - RELATIVE HUMIDITY: 40 %~85%.
- ENVIROMENTAL SPECIFICATIONS:
 - HUMIDITY TEST: HUMIDITY 90 %~95%, TEMPERATURE 40°±2° FOR 96 HOURS.
 - HEAT TEST: TEMPERATURE 70°±2° (HUMIDITY BELOW 50)
 - COLD TEST: TEMPERATURE -40°±2° FOR 96 HOURS.
- TO CONFORM TO THE SINGATRON HAZARDOUS SUBSTANCE FREE SPEC.
- GREEN PRODUCT IDENTIFICATION MARK ON JACK:
- GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: **G.P. PASS**
- FOR WAVE SOLDERING LEAD-FREE PROCESS.
- DATE CODE DESCRIPTION:
 - YYMMDD
 - DAY
 - MONTH
 - YEAR



TABLE

P/N	PIN DIA.	PLUG NO.
2DC-0505B100	φ2.50 ^{+0.0} / _{-0.1}	2DP-5525-AH2
2DC-0505D100	φ2.00 ^{+0.0} / _{-0.1}	2DP-5521-AH1

NO	DESCRIPTION	QTY	MATERIAL	PLATING & COLOR
F	PIN	1	COPPER ALLOY	Ni 60u"~180u", Cu 80u" MIN.
E	TERMINAL	1	COPPER ALLOY, 0.5T	Ag 20u" MIN., Ni 50u"~180u"
D	SHUNT TERMINAL	1	COPPER ALLOY, 0.5T	Ag 20u" MIN., Ni 50u"~180u"
C	TIP SPRING	1	COPPER ALLOY, 0.25T	Ag 20u" MIN., Ni 50u"~180u"
B	COVER	1	THERMAL PLASTIC, UL94V-0	COLOR BLACK
A	BODY	1	THERMAL PLASTIC, UL94V-0	COLOR BLACK

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 Kermit 14/3/18	PART NO. 2DC-0505X100
X.X : ±0.3	X.X : ±1°	CHKD zuz 14/3/18	SCALE 3:1 UNIT: mm
X.XX : ±0.2		APVD Liao 14/3/18	SIZE: A4 SHEET: 10F1 REV: N
CUSTOMER COPY			