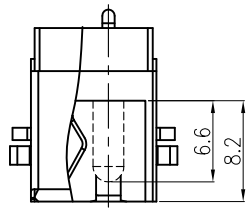
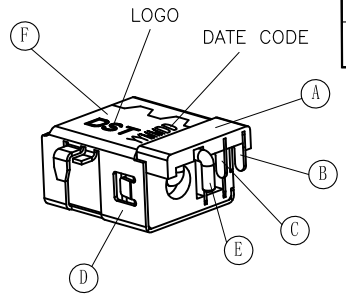
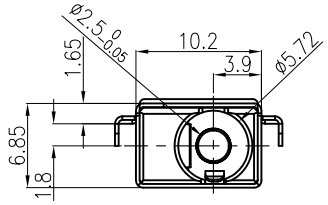
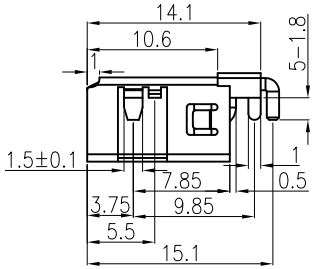
ZONE	SYMBOL	REVISION	APPROVAL	DATE

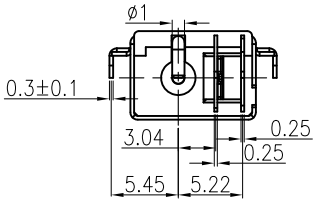
RoHS Compliant
Halogen Free

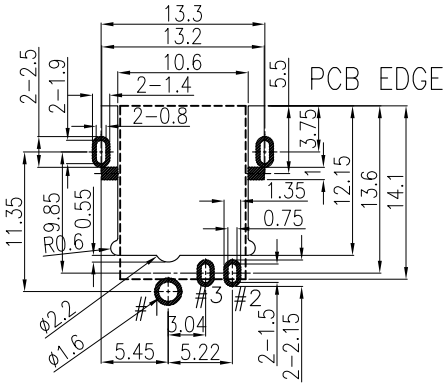




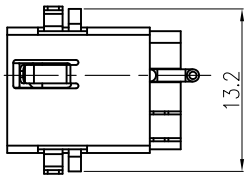


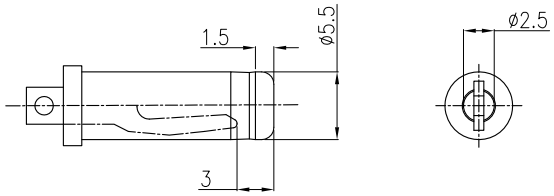






P.C.B LAYOUT





MATING PLUG ø5.50

SCHEMATIC

SPECIFICATIONS

1. ELECTRICAL CHARACTERISTICS:
   1-1.RATING: DC 20V 7A
   1-2.CONTACT RESISTANCE: 30mΩ MAX(INITAL)
   1-3.DIELECTRIC WITHSTANDING VOL TAGE: 500V AC FOR ONE MINUTE
   1-4.INSULATION RESISTANCE: 100mΩ MIN,MEASURED BY 500V DC
2. MECHANICAL CHARACTERISTICS:
   2-1.INSERTION FORCE: 3.0KG MAX
   2-2.WITHDRAWAL FORCE: 0.5KG-3.0KG
3. LIFE TEST:5,000 CYCLES MIN
4. OTHER GENERAL SPEC TO REFER"DC POWER JACK"SPEC
5. TO CONFORM TO SINGATRON HAZARDOUS SUBSTANCE FREE SPEC
6. GREEN PRODUCT IDENTIFICATION MARK ON JACK: ▲
7. GREEN PRODUCT IDENTIFICATION LABEL ON PACKAGING: G.P.PASS
8. FOR HAND SOLDERING LEAD FREE PROCESS
9. PRINTED DATE CODE" YY MM DD ON TOP OF CONNECTOR

YY MM DD
- DD: DAY
- MM: MONTH
- YY: YEAR

10.Temperature Rise≤30℃

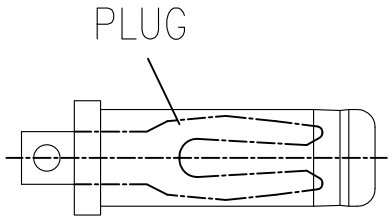
No.	DESCRIPTION	MATERIAL	PLATING
A	BODY	RA230NK UL94 V-0 (PA6T)	BLACK
B	TIP SPRING	C5210	Ag:20u" Over Ni20u"
C	SHUNT TERMINAL	C2680	Ag:20u" Over Ni20u"
D	STOPPER	SUS	N/A
E	PIN	BRASS	Gold Flash Over Ni50u" Min
F	SHELL	C2680	Ni 60u" Min

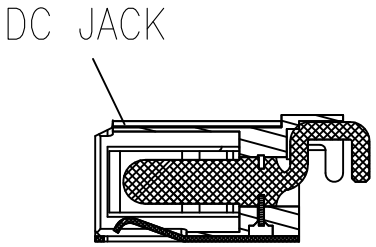
DST-conn Tech. Co., Ltd.

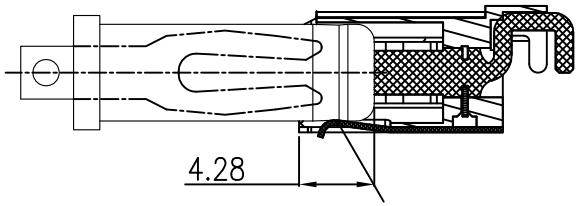
PART NAME	DC POWER JACK			DESIGN	Winky	TITLE	
PART NO.	ODA16HA250R			DRAWING	Winky	DWG. NO.	
UNIT: mm	MATERIAL	TOLERANCE UNLESS OTHERWISE SPECIFIED:	ANGLE	CHECK	Roy	REV.	A
	*	0±0.2 0.0±0.1 0.00±0.05	0°±3°	APPROVAL	John	SHEET	of

ZONE	SYMBOL	REVISION	APPROVAL	DATE

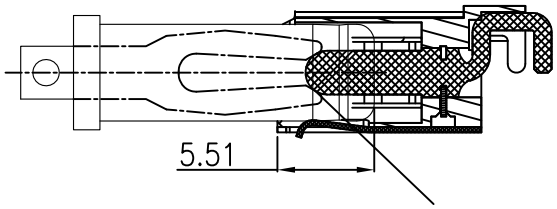
RoHS Compliant
Halogen Free



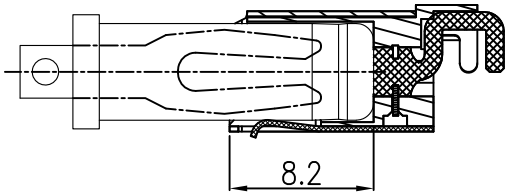




THE FIRST CONTACT



THE SECOND CONTACT



FULL INSERT

DST-conn Tech. Co., Ltd.

PART NAME	DC POWER JACK			DESIGN	Winky	TITLE	
PART NO.	ODA16HA250R			DRAWING	Winky	DWG. NO.	
UNIT: mm	MATERIAL	TOLERANCE UNLESS OTHERWISE SPECIFIED:	ANGLE	CHECK	Roy	REV.	A
	*	0±x.x 0.0±x.x 0.00±x.x	0°±3°	APPROVAL	John	SHEET	of