

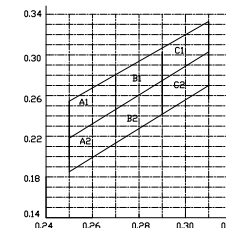
Date Code碼說明, 例如:24103

星期三
第十周
2014年
廠別

REV	DESCRIPTION	ECN/ECR	DATE	DRAWN BY
A	工程變更, 修改對插端C角尺寸及方孔尺寸	ECN	06/08/2015	彭志婷
B	修改LED料號	ECR	03/29/2016	彭志婷
C	工程變更, 修改尺寸	ECN	03/09/2017	唐忠洪
D	設計變更, 客戶增加料號	ECR	04/06/2017	鐘 杭
E	工程變更, 優化產品結構	ECN	06/23/2017	鐘 杭
F	客戶需求, 修改圖面公差	ECR	01/06/2018	鐘 杭

LED'S CHARACTERISTICS:

NODE		COLOR	DOMINANT WAVELENGTH	FORWARD VOLTAGE	LUMINORS INTENSITY AT 20mA
P.B1(+)	P.B2(-)	AMBER	600~610nm	2.6V MAX	37.6~192.4 MCD
P.B1(-)	P.B2(+)	WHITE	N/A	3.7V MAX	400~1150MCD



RANG OF BINS(AUQA WHITE)

Bin	Min	Max
L	400	520
M	520	680
N	680	880
P	880	1150

COLOR RANKS.

A1	X	0.27	0.27	0.25	0.25
	Y	0.2455	0.278	0.25	0.2175
A2	X	0.27	0.27	0.25	0.25
	Y	0.2455	0.213	0.185	0.2175
B1	X	0.27	0.27	0.29	0.29
	Y	0.2455	0.278	0.306	0.2735
B2	X	0.27	0.27	0.29	0.29
	Y	0.2455	0.213	0.241	0.2735
C1	X	0.29	0.31	0.31	0.29
	Y	0.306	0.3355	0.303	0.2735
C2	X	0.29	0.31	0.31	0.29
	Y	0.241	0.2705	0.303	0.2735

ELECTRICAL-OPTICAL CHARACTERISTICS.

Parameter	Symbol	Value	Unit	Test condition
Forward Voltage	Vr	Min. Typ. Max.	V	If=20mA
		A 1.7 2.0 2.6		
Luminous intensity	Iv	W 2.8 3.2 3.7	V	If=20mA
		A 37.6 130 192.4		
Wavelength	λd	W 400 550 1150	mod	If=20mA
		A 600 610		
Reverse Current	Ir	0.271	nm	If=20mA
Viewing angle	2θ	0.245	nm	If=20mA
		140	Deg	If=20mA

NOTES:

1. ELECTRICAL CHARACTERISTICS:

1.1 CONNECTOR RATED CURRENT:9.0A &30°C MAX ΔT OVER AMBIENT RATED VOLTAGE:20V DC

1.2 INSULATION RESISTANCE 100MOHMS MIN AT 500V DC AFTER 1 MINUTE

1.3 DIELECTRIC WITHSTAND VOLTAGE: 500V AC FOR 1 MINUTE,

1.4 CONTACT RESISTANCE:30 mOHMS MAX.

2. MECHANICAL CHARACTERISTICS:

2.1 MATING FORCE:2.5Kgf MAX

UNMATING FORCE:

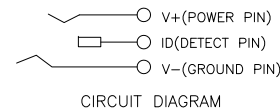
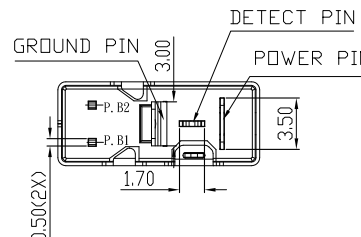
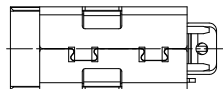
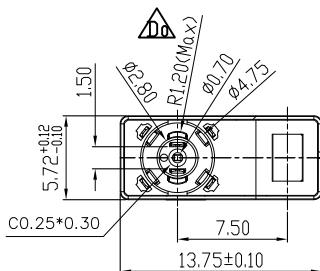
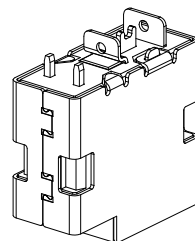
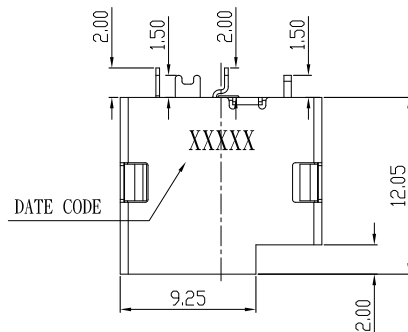
INITIAL:0.6~2.0Kgf

AFTER LIFE TEST:0.4~2.0Kgf

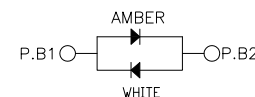
2.2 DURABILITY(MATING/UNMATING FORCE CYCLES):5000 CYCLES

3. OPERATING TEMPERATURE RANGE:-40°C~85°C

4. REMARK:MOISTURE SENSITIVE DEVICE MSL6-AFTER PACKING BEEN OPENED 8 HOURS,PARTS MUST BE BAKED FOR MIN 5DAYS AT 40°C &<5% RH



LED TYPE



SECTION:A-A

Build of material:

NO	DESCRIPTION	QTY	MATERIAL	FINISH(OR COLOR)
7	SLIM HP DC JACK-LED	1	HongKai(1L2429A2W30MK505) HuaDing(LNS4VESUW5W106G)	AMBER/WHITE
6	SLIM HP DC JACK-STOPPER	1	LCP (Sumitomo E6808/E6006) (TORAY LX70T45B) (SAMSUNG KC184BLM/KD135BS)	BLACK
5	SLIM HP DC JACK-DETECT PIN	1	PHOSPHOR BRONZE(C5210R) T=0.35±0.05mm	SEE PLATING TABLE
4	SLIM HP DC JACK-POWER PIN	1	PHOSPHOR BRONZE(C5210R) T=0.25±0.05mm	
3	SLIM HP DC JACK-GROUND PIN	1	PHOSPHOR BRONZE(C5210R) T=0.25±0.05mm	
2	SLIM HP DC JACK-HOUSING	1	LCP E6808/E6006 LCP E130 PA41 T51 PA46 TE280F6	BLACK
1	SLIM HP DC JACK-SHELL	1	SUS 201 T=0.25±0.05mm	30u"Ni Min

PLATING TABLE:

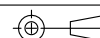
V. T PART No.	PART NO.	PLATING
DCJ-036-1L05HP	CD4521032007-02	50u"Ni min./Pd/Ni 30u"min with 5u" Au Plating at contact area
DCJ-036-1L05HI	CD4521032007-01	50u" Ni min underplating

東莞世華電子有限公司
SHYH HWA ELECTRONICS CO.,LTD.(DONGGUAN)
地址: 東莞市塘廈鎮諸佛嶺178工業區
TEL: 0769-7910020-1 FAX: 0769-7910210

DRAWN BY 鐘 杭
CHECKED BY
APPROVED BY

ITEM SLIM HP DC JACK(Thin5.72mm)焊線式
180°(452專用)(腳長2.0)(優化版)
PART NO CD4521032007-XX

ANGLE PROJECTION
UNIT mm
SCALE 1:1
DATE



.X±0.30
.XX±0.20