

12345678

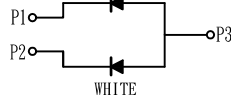
Date Code碼說明, 例如:23103

星期三
第十周
2013年
廠別V+(POWER PIN)
ID(DETECT PIN)
V-(GROUND PIN)

CIRCUIT DIAGRAM

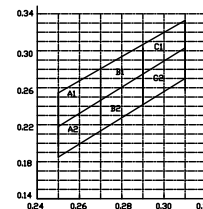
LED TYPE

AMBER



LED'S CHARACTERISTICS:

NODE		COLOR	DOMINANT WAVELENGTH	FORWARD VOLTAGE	LUMINORS INTENSITY AT 20MA
P3(+)	P1(-)	AMBER	585-596nm	2.8V MAX	37.6-192.4 MCD
P3(+)	P2(-)	WHITE	N/A	3.7V MAX	400-1150 MCD



RANG OF BINS(AUQA WHITE)

INTENSITY RANGE (mcd) at 20mA			
Bin	White Min/Max	Amber Min/Max	
L	400-520	37.6-192.4	
M	520-680	37.6-192.4	
N	680-880	37.6-192.4	
P	880-1150	37.6-192.4	

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
		Min.	Typ.	Max.		
Forward Voltage	Vr	A	1.7	2.0	2.8	V If=20mA
	W	2.8	3.2	3.7	V	If=20mA
Luminous intensity	Iv	A	37.6	130	192.4	mcd If=20mA
	W	400	550	1150	mcd	If=20mA
Wavelength	λd	A	585	596	nm	If=20mA
	X	0.271				If=20mA
Reverse Current	Ir	Y	0.245			Vr=5V
Viewing angle	2θ		140		Deg	If=20mA

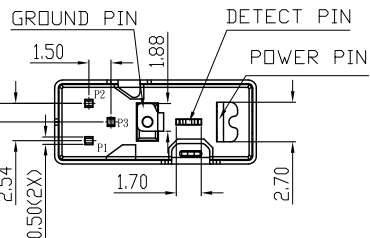
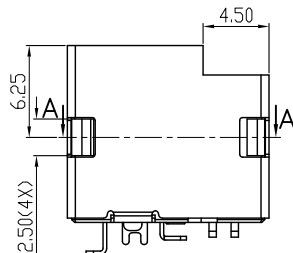
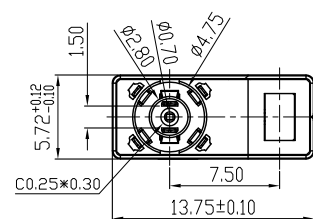
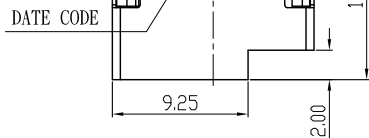
NOTES:

- ELECTRICAL CHARACTERISTICS:
 - CONNECTOR RATED CURRENT:7.0A &30°C MAX T OVER AMBIENT RATED VOLTAGE:20V DC
 - INSULATION RESISTANCE 100MOHMS MIN AT 500V DC AFTER 1 MINUTE
 - DIELECTRIC WITHSTAND VOLTAGE: 500V AC FOR 1 MINUTE, Δ
 - CONTACT RESISTANCE:30 mOHMS MAX.
- MECHANICAL CHARACTERISTICS:
 - MATING FORCE:2.5Kgf MAX UNMATING FORCE: INITIAL:0.80 Kgf MIN AFTER LIFE TEST:0.60 Kgf MIN
 - DURABILITY(MATING/UNMATING FORCE CYCLES):5000 CYCLES
 - OPERATING TEMPERATURE RANGE:-40°C 85°C
 - REMARK:MOISTURE SENSITIVE DEVICE MSL6-AFTER PACKING BEEN OPENED 8 HOURS,PARTS MUST BE BAKED FOR MIN 5DAYS AT 40°C &<5% RH

PLATING TABLE: Δ

PART NO. (客戶)	PART NO.	PLATING
DCJ-006-1L06H6	CD4521032009-01	50u"Ni min,Pd/Ni 30u"min with 5u"Au Plating at contact area
DCJ-006-1L06H1	CD4521032009-02	50u" Au min. on contact area 50u" Ni min. underplating

DATE CODE



SECTION:A-A

Build of material:

7	SLIM HP DC JACK-LED	1	HongKai HuaDing(LPS4LY5UW5W004)	AMBER/WHITE
6	SLIM HP DC JACK-STOPPER	1	(Sumitomo E6808/E6006) LCP (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	SEE PLATING TABLE
3	SLIM HP DC JACK-GROUND PIN	1	PHOSPHOR BRONZE(C5210R) T=0.25±0.05mm	SEE PLATING TABLE
2	SLIM HP DC JACK-HOUSING	1	(Sumitomo E6808/E6006) LCP (TORAY LX70T45B) (SAMSUNG KC184BLM/KD135BS)	BLACK
1	SLIM HP DC JACK-SHELL	1	SUS 201 T=0.25±0.05mm	30u"Ni Min
NO	DESCRIPTION	QTY	MATERIAL	FINISH(OR COLOR)



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DRAWN BY 彭志婷

CHECKED BY

APPROVED BY

ITEM

SLIM HP DC JACK 3PIN LED (452專用)

PART NO

CD4521032009-XX

TOLERANCE

ANGLE PROJECTION

.X±0.30
.XX±0.20

UNIT

SCALE

DATE

mm

1:1

09/16/2015

12345678