



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

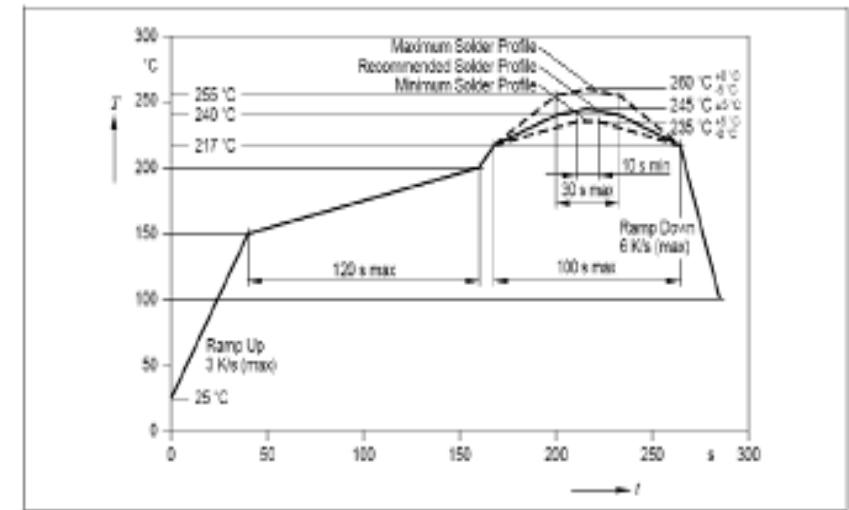
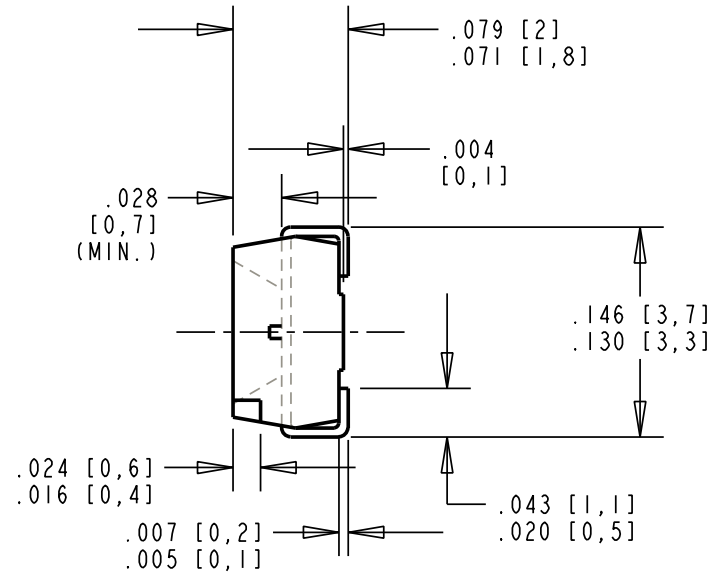
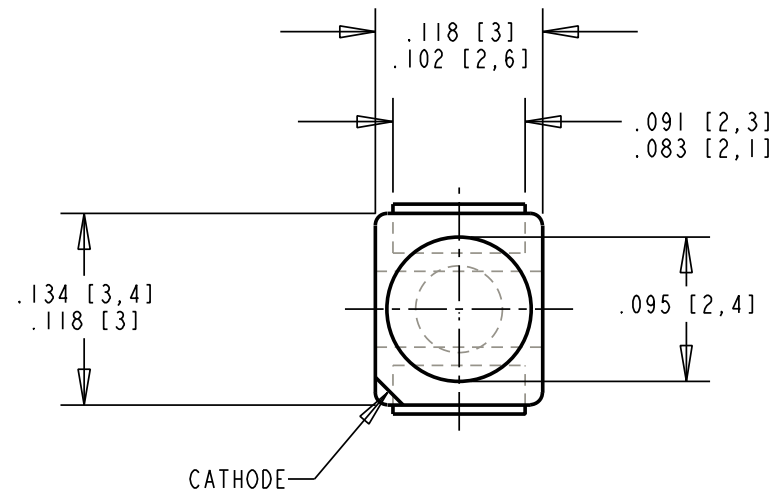
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

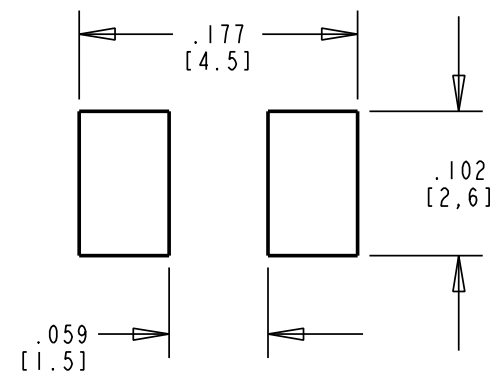
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



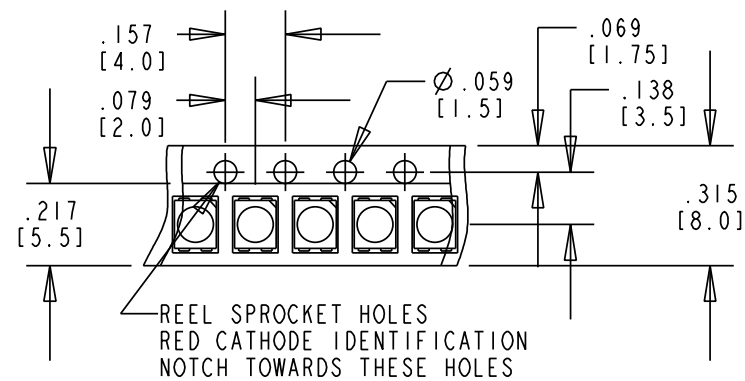
REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	TWC			



RoHS COMPLIANT SOLDER REFLOW PROFILE



RECOMMENDED SOLDER PAD LAYOUT



TAPE & REEL CONFIGURATION

NOTES:

1. EPOXY COLOR: WATER CLEAR.
2. DIE: GaAsP/GaP (YELLOW LED).
3. LEAD FINISH: TIN (Sn) OVER NICKEL (Ni) UNDERPLATING ON COPPER ALLOY (Cu) LEAD FRAME.
4. SOLDER ADHERANCE: BOTH LEADS PER MIL-STD-202E, METHOD 208C.
5. SUFFIX -202F FOR 20-PCS ON A SAMPLE TAPE STRIP.
6. SUFFIX -207F FOR 180 mm DIA. REEL, 8 mm WIDE TAPE, PACKAGED 2000-PCS PER REEL WITH A PITCH OF 4 mm.
7. DEVICES POSITIONED ON REEL WITH CATHODE SIDE TOWARDS SPROCKET.
8. DIALIGHT P/N: 597-3401-202F, 597-3401-207F.
9. TAPE AND REEL LEDS MAY REQUIRE RE-TAPING AFTER TWELVE MONTHS.
10. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.

RoHS Compliant 597-3401-20XF Surface Mount LED

Part Numbers with the "F" suffix ending are RoHS Compliant.

Example: 597-3401-207F

Packaging is marked with "RoHS Compliant" label or equivalent markings.

Parts can be reflow soldered per RoHS reflow profile, wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 10 sec.

LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	7.1	12.6	18.0	mcd	I _F = 10 mA
FORWARD VOLTAGE		2.0	2.5	V	I _F = 10 mA
REVERSE CURRENT		.01	10.0	mA	V _R = 5 V
PEAK WAVELENGTH		586		nm	
DOMINANT WAVELENGTH	580	587	595	nm	
VIEWING ANGLE (2 θ 1/2)		120		DEG.	I _F = 10 mA

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT	YELLOW	UNITS
POWER CONSUMPTION	95	mW
CONTINUOUS FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
OPERATING TEMPERATURE	-40 TO +100	°C
STORAGE TEMPERATURE	-40 TO +100	°C
SOLDERING TEMPERATURE @ 15 SEC	245	°C



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

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SCALE: DRAWING SCALE ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17406	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE YELLOW SMT PLCC-2 LED RoHS COMPLIANT	
FINISH:	MATERIAL	
FSCM 83330	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
	SHEET 1 OF 1	FAMILY TABLE: