



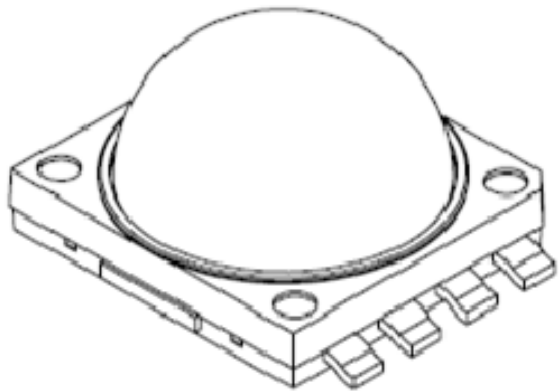
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SPC-F005.DWG

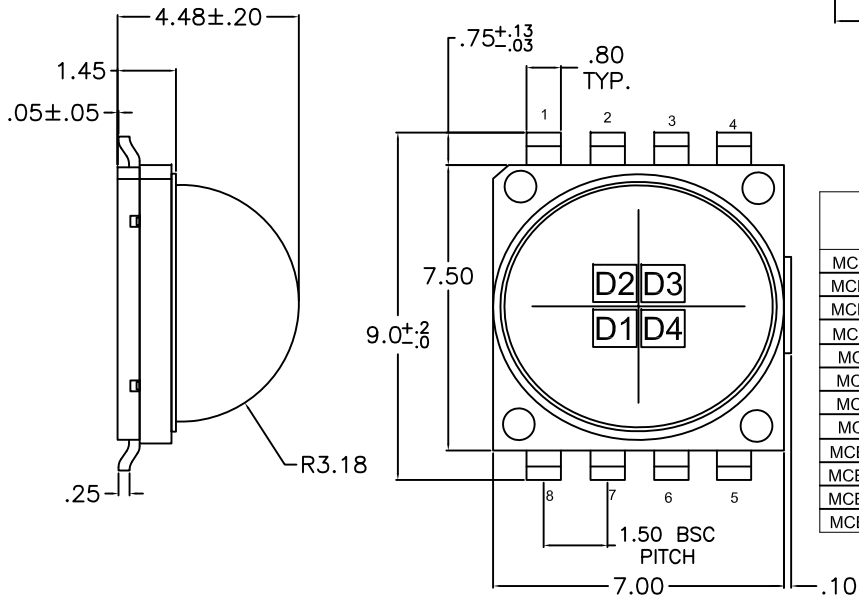
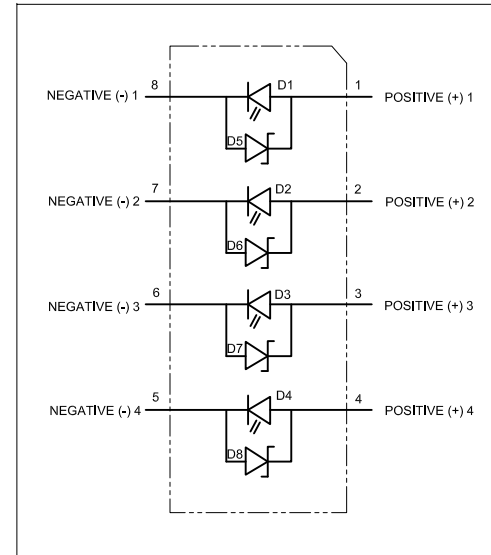
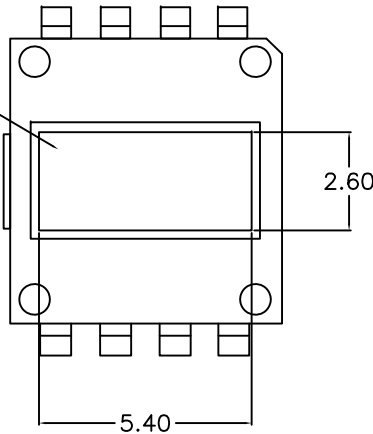
REVISIONS

DOC. NO. SPC-F005 * Effective: 7/8/02 * DCP No: 1398

DCP #	REV	DESCRIPTION	DRAWN	DATE	CHECKD	DATE	APPRVD	DATE
1908	A	RELEASED	JN	10/22/09	JN	10/22/09	JN	10/22/09



HEATSINK



PART NO.	BRD	Circuit	BRD Thickness	LED Color	LED Color bins	LED Flux Code	LED Lumen (mln.)	each LED VF (typ.) @350mA	LED Viewing Angle	
MCE4WT-A2-0000-00K02-STARSR	star	Series (Figure 1)	2mm	cool white	WC,WD,WG,WF	K	370lm	3.2V	110deg	
MCE4WT-A2-0000-00M02-STARSR			2mm	cool white	WC,WD,WG,WF	M	430lm			
MCE4WT-A2-0000-00KE4-STARSR			2mm	neutral white	4A,4B,4C,4D	K	370lm			
MCE4WT-A2-0000-00JF7-STARSR			2mm	warm white	7A,7B,7C,7D	J	320lm			
MCE4WT-A2-0000-00K02-STARP		Parallel (Figure 2)	Parallel (Figure 2)	2mm	cool white	WC,WD,WG,WF	K			370lm
MCE4WT-A2-0000-00M02-STARP				2mm	cool white	WC,WD,WG,WF	M			430lm
MCE4WT-A2-0000-00KE4-STARP				2mm	neutral white	4A,4B,4C,4D	K			370lm
MCE4WT-A2-0000-00JF7-STARP				2mm	warm white	7A,7B,7C,7D	J			320lm
MCE4WT-A2-0000-00K02-STARIND		Individual (Figure 3)	Individual (Figure 3)	2mm	cool white	WC,WD,WG,WF	K			370lm
MCE4WT-A2-0000-00M02-STARIND				2mm	cool white	WC,WD,WG,WF	M			430lm
MCE4WT-A2-0000-00KE4-STARIND				2mm	neutral white	4A,4B,4C,4D	K			370lm
MCE4WT-A2-0000-00JF7-STARIND				2mm	warm white	7A,7B,7C,7D	J			320lm

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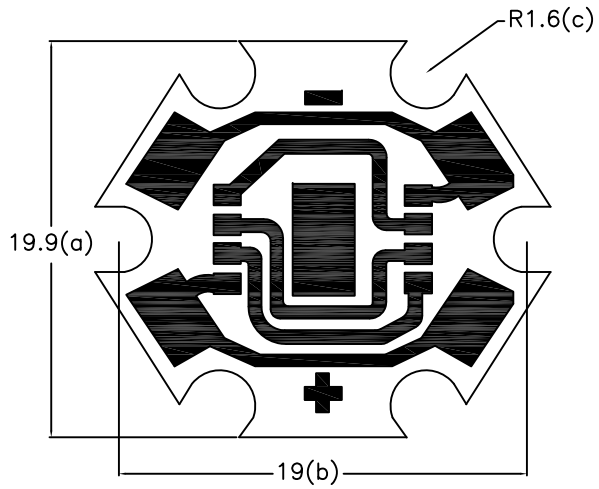
TOLERANCES:
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DRAWN BY: Jason Nash
DATE: 10/22/09
CHECKED BY: Jason Nash
DATE: 10/22/09
APPROVED BY: Jason Nash
DATE: 10/22/09

DRAWING TITLE: Emitter Boards utilizing Cree's MCE LEDs

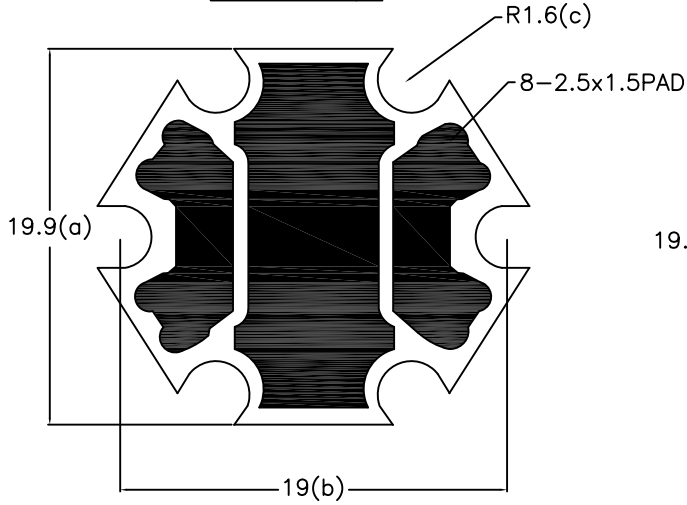
SIZE: A	DWG. NO.: Ta-1202	ELECTRONIC FILE: Ta-1202.dwg	REV: A
SCALE: NTS		U.O.M.: mm [INCHES]	SHEET: 1 OF 2

Figure 1



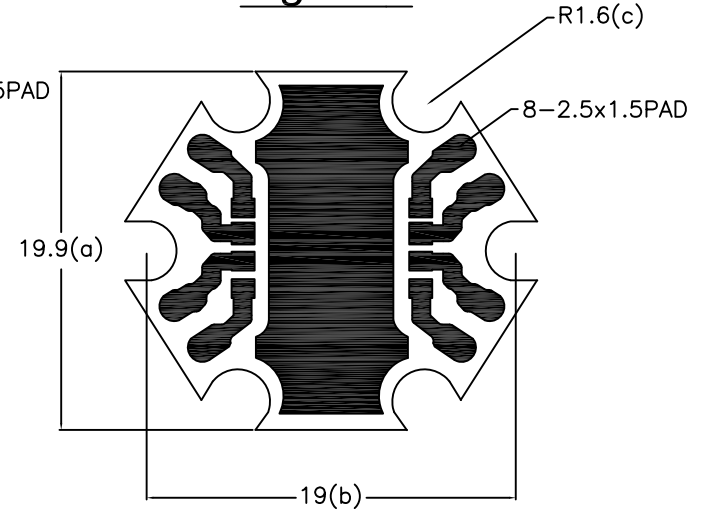
STAR MCPCB in series
White mask Gold letter

Figure 2



STAR MCPCB in parallel
White mask Gold letter

Figure 3



STAR MCPCB in individual
White mask Gold letter

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SIZE A	DWG. NO. Ta-1202	ELECTRONIC FILE Ta-1202	REV
SCALE: NTS	U.O.M.: Millimeters	SHEET: 2 OF 2	