



PADS & MARKINGS

SCALE	2:1	NAME	DATE
UNITS	MM [INCHES]	DRAWN	RW Mar 5/12
TOLERANCE		CHECKED	WW Mar 5/12
SOLDER	Kester EM628	RELEASED	Apr 2/12
REFLOW PROFILE		REVISED	June 15/13
QTY PER PANEL		COMMENTS:	
DEPANELIZED		June 15, 2013 - Optic mounting holes enlarged from 1.60mm to 2.04mm to accommodate Khatod series optics.	
Above values unless otherwise noted			
DO NOT SCALE DRAWING			

Notes:

1. Thermally conductive base constructed from FR4 laminate with 2 oz copper, white solder mask and black markings.
2. Assembly must be mounted to a suitable heat sink with a thermally conductive interface material such as our pre-cut thermal adhesive tape (part LXT-SR02-3), or Arctic Silver (part ASTA-7G).
3. If thermally conductive tape is used, then it is also recommended that the assembly be fastened to the heat sink with three 4-40 screws.
4. T1 is a Vishay NTC 10K Thermistor (NTHS0805N02N1002J) suitable for monitoring temperature and foldback control.
5. Clearance for 6mm diameter screw head.
6. Assembly can be configured for series operation by applying solder dots to the series configuration pads J1 to J6.

QTY	DESCRIPTION
1	SR-02 CoolBase FR4 PCB
7	Lumileds Rebel LED
1	Vishay NTC 10K Thermistor (NTHS0805N02N1002J)

Quadica Developments Inc.

PROJECT
7 LED 40mm Round Assembly

Luxeon Star LEDs

DWG: sr-02.dwg	PART: SR-02-xx	REV: F
PROJECT ID:	SHEET 1 OF 1	