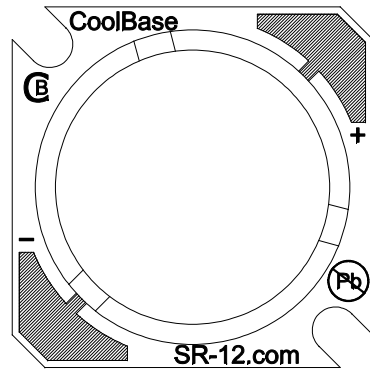


Rebel LED Light Source



PADS & MARKINGS

**Notes:**  
Fraen FLP-N4-RE-HRF 9° optic assembly mounted to 1.6mm FR4 board with Momentive TSE3941 RTV silicone.

Thermally conductive base constructed from FR4 laminate with 2 oz copper, high temperature white solder mask and black markings.

Assembly must be mounted to a suitable heat sink with mechanical fasteners and/or a thermally conductive interface material such as our pre-cut thermal adhesive tape. (Part LXT-O-9).

QTY	DESCRIPTION
1	SR-12 CoolBase FR4 PCB
1	Fraen FLP-N4-RE-HRF
1	Lumileds Rebel LED

SCALE	2:1	NAME		DATE	
UNITS	MM [INCHES]	DRAWN	RW	Feb 1/12	
TOLERANCE		CHECKED	WW	Feb 1/12	
SOLDER	Kester EM828	RELEASED		Feb 1/12	
REFLOW PROFILE		REVISED		Jun 12/12	
QTY PER PANEL		COMMENTS:			
DEPANELIZED		Rev F - Mounting slot depth increased to match original Star/O			
Above values unless otherwise noted					
DO NOT SCALE DRAWING					

**Quadica Developments Inc.**

PROJECT

**Star/O Replacement Assembly**

**Luxeon Star LEDs**

DWG: SR-12-Assembly.dwg PART: SR-12-XX REV: F

PROJECT ID: SHEET 1 OF 1