



Panavision Imaging, LLC - Typical Pb-free solder profile for:
 ELIS-1024, LIS-1024, and RPLIS-2048 image sensors in 1
 16LCC package
 Rev. 111306

Time (seconds)	Temp (°C)
0	24
20	60
40	100
60	120
80	135
100	145
120	150
140	155
160	158
180	160
200	162
220	175
240	185
260	235
280	245
300	200
320	175
340	160
360	150
380	140
400	120

IR Reflow conditions

Parameter	Condition
Average Ramp Rate (24°C to 200°C)	< 3°C/sec
Time above 100°C	From 320 to 600 Seconds
Time above 150°C	200 seconds minimum
Time above 210°C	From 30 to 120 seconds
Peak Temperature	From 245°C to 260°C
Cool Down Ramp Rate	< 6°C
Time From 24°C to 255°C	385 seconds maximum

PB Free Solder Profile

