

## PEREGRINE MATERIAL DECLARATION FORM

<b>Package:</b>	6L SC70
<b>RoHS Compliant</b>	Yes
<b>Lead Finish</b>	100% Matt Tin
<b>Peak Reflow Temp</b>	260 degree C
<b>Time at Peak Temp</b>	20 Sec
<b>Max No. of Reflow</b>	Three
<b>Availability</b>	Now

Component	Material	CAS Number	Weight (mg)	%	PPM
<b>Package</b>					
Leadframe 401990	Cu:	7440-50-8	2.828814	46.32%	463,199
	Fe:	7439-89-6	0.068182	1.12%	11,164
	Zn:	7440-66-6	0.003482	0.06%	570
	P:	7723-14-0	0.000870	0.01%	143
	Ag (weight estimate):	7440-22-4	0.041753	0.68%	6,837
Die attach material	Silver (70 - 85):	7440-22-4	0.042902	0.70%	7,025
	Epoxy Resin (5 - 25):	Proprietary	0.008304	0.14%	1,360
	Aromatic Amine (1 - 10):	Proprietary	0.003045	0.05%	499
Gold Wire	Au:	7440-57-5	0.050193	0.82%	8,219
	Ag:	7440-22-4	0.000007	0.00%	1
	Cu:	7440-50-8	0.000007	0.00%	1
	Fe:	7439-89-6	0.000013	0.00%	2
	Mg:	7439-95-4	0.000007	0.00%	1
	Ca:	7440-70-2	0.000007	0.00%	1
	Be:	7440-41-7	0.000033	0.00%	5
100% Matte Tin Lead Finish	Sn:	7440-31-5	0.223400	3.66%	36,580
Mold Compound	Silica Fused (75 - 95):	60676-86-0	2.477591	40.57%	405,688
	Epoxy Resin (2 - 8):	Trade secret	0.145741	2.39%	23,864
	Epoxy, Cresol Novolac (1 - 3):	29690-82-2	0.058296	0.95%	9,546
	Phenol Resin (2 - 8):	Trade secret	0.145741	2.39%	23,864
	Carbon Black (0.1- 0.5):	1333-86-4	0.008744	0.14%	1,432
<b>Total Weight (mg)</b>			<b>6.107131</b>	<b>100.00%</b>	<b>1,000,000</b>