

PEREGRINE MATERIAL DECLARATION FORM

Package:	20L 4X4 QFN
RoHS Compliant	Yes
Lead Finish	100% Matt Tin
Peak Reflow Temp	260 degree C
Time at Peak Temp	20 Sec
Max No. of Reflow	Three
Availability	Now

Component	Material	CAS Number	Weight (mg)	%	PPM
Package					
Leadframe 421950	Cu:	7440-50-8	13.837525	32.78%	327,818
	Fe:	7439-89-6	0.333520	0.79%	7,901
	Zn:	7440-66-6	0.017031	0.04%	403
	P:	7723-14-0	0.004258	0.01%	101
	Ag (weight estimate):	7440-22-4	0.168000	0.40%	3,980
Die attach material	Silver (65 - 85):	7440-22-4	0.129812	0.31%	3,075
	Epoxy Resin (15 - 25):	9003-36-5	0.034617	0.08%	820
	t-Butyl phenyl glycidyl ether (5 - 10):	3101-60-8	0.012981	0.03%	308
	Phenolic hardener (1 - 2):	92-88-6	0.002596	0.01%	62
	Butyl cellosolve acetate (0.5 - 1.5):	112-07-2	0.001731	0.00%	41
Gold Wire	Au:	7440-57-5	0.260500	0.62%	6,171
	Ag:	7440-22-4	0.000045	0.00%	1
	Cu:	7440-50-8	0.000045	0.00%	1
	Fe:	7439-89-6	0.000090	0.00%	2
	Mg:	7439-95-4	0.000045	0.00%	1
	Ca:	7440-70-2	0.000045	0.00%	1
	Be:	7440-41-7	0.000224	0.00%	5
100% Matte Tin Lead Finish	Sn:	7440-31-5	0.788200	1.87%	18,673
Mold Compound	Silica Fused (75 - 95):	60676-86-0	23.569551	55.84%	558,375
	Epoxy Resin (1 - 5):	Trade secret	1.941022	4.60%	45,984
	Phenol Resin (1 - 5):	Trade secret	0.970511	2.30%	22,992
	Carbon Black (0.1- 0.5):	1333-86-4	0.138644	0.33%	3,285
Total Weight (mg)			42.210992	100.00%	999,999