

PEREGRINE MATERIAL DECLARATION FORM

Product:	PE4259
Ordering Codes:	4259-51; 4259-52
Description:	Reflective SPDT RF Switch - 50 Ohm
Package:	6L SC70
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
Die					
	Sapphire:	1344-28-1	0.240531	3.79%	37,873
	Silicon:	7440-21-3	0.000068	0.00%	11
	Silicon Dioxide:	7631-86-9	0.001234	0.02%	194
	Silicon Nitride:	12033-89-5	0.000723	0.01%	114
	Tungsten Silicide:	12039-88-2	0.000087	0.00%	14
	Titanium:	7440-33-6	0.000066	0.00%	10
	Titanium Nitride:	25583-20-4	0.000184	0.00%	29
	Aluminium Alloy (98.5%-Al, 1%-Si, 0.5%-Cu):	7429-90-5	0.000874	0.01%	138
	Arsenic:	7440-38-2	0.000000	0.00%	0
	Boron:	7440-42-8	0.000028	0.00%	4
	Phosphorous:	7723-14-0	0.000026	0.00%	4
Package					
Leadframe 401990	Cu:	7440-50-8	2.828814	44.54%	445,416
	Fe:	7439-89-6	0.068182	1.07%	10,736
	Zn:	7440-66-6	0.003482	0.05%	548
	P:	7723-14-0	0.000870	0.01%	137
	Ag (weight estimate):	7440-22-4	0.041753	0.66%	6,574
Die attach material	Silver (70 - 85):	7440-22-4	0.042902	0.68%	6,755
	Epoxy Resin (5 - 25):	Proprietary	0.008304	0.13%	1,307
	Aromatic Amine (1 - 10):	Proprietary	0.003045	0.05%	479
Gold Wire	Au:	7440-57-5	0.050193	0.79%	7,903
	Ag:	7440-22-4	0.000007	0.00%	1