

PEREGRINE MATERIAL DECLARATION FORM

Product:	PE4235
Ordering Codes:	4235-51; 4235-52
Description:	Reflective SPDT RF Switch - 50 Ohm
Package:	6L 3X3 DFN
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	0.730728	3.72%	37,176
	Silicon:	7440-21-3	0.000022	0.00%	1
	Silicon Dioxide:	7631-86-9	0.002374	0.01%	121
	Silicon Nitride:	12033-89-5	0.001376	0.01%	70
	Tungsten Silicide:	12039-88-2	0.000011	0.00%	1
	Titanium:	7440-33-6	0.000069	0.00%	4
	Titanium Nitride:	25583-20-4	0.000184	0.00%	9
	Aluminium Alloy (98.5%-Al, 1%-Si, 0.5%-Cu):	7429-90-5	0.000918	0.00%	47
	Arsenic:	7440-38-2	0.000000	0.00%	0
	Boron:	7440-42-8	0.000054	0.00%	3
	Phosphorous:	7723-14-0	0.000049	0.00%	2
Package					
Leadframe	Nickel (Ni):	7440-02-0	1.904365	9.69%	96,886
	Iron (Fe):	7439-89-6	2.528447	12.86%	128,636
	Cobalt (Co):	7440-48-4	0.022944	0.12%	1,167
	Carbon (C):	-	0.002294	0.01%	117
	Silicon (Is):	7440-21-3	0.013766	0.07%	700
	Manganese (Mn):	7439-96-5	0.036711	0.19%	1,868
	Phosphorus (P):	7723-14-0	0.001147	0.01%	58
	Sulfur (S):	-	0.001147	0.01%	58
	Chromium (Cr):	7440-47-3	0.004589	0.02%	233
	Aluminium (Al):	7429-90-5	0.004589	0.02%	233