

PEREGRINE MATERIAL DECLARATION FORM

Product:	PE4271
Ordering Codes:	4271-51; 4271-52
Description:	Absorptive SPST Broadband Switch - 75 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	1.295251	6.40%	64,033
	Silicon:	7440-21-3	0.000182	0.00%	9
	Silicon Dioxide:	7631-86-9	0.005143	0.03%	254
	Silicon Nitride:	12033-89-5	0.003001	0.01%	148
	Tungsten Silicide:	12039-88-2	0.000246	0.00%	12
	Titanium:	7440-33-6	0.000226	0.00%	11
	Titanium Nitride:	25583-20-4	0.000639	0.00%	32
	Aluminium Alloy (98.5%-Al, 1%-Si, 0.5%-Cu):	7429-90-5	0.002962	0.01%	146
	Arsenic:	7440-38-2	0.000001	0.00%	0
	Boron:	7440-42-8	0.000117	0.00%	6
	Phosphorous:	7723-14-0	0.000108	0.00%	5
Package					
Leadframe	Nickel (Ni):	7440-02-0	1.904365	9.41%	94,146
	Iron (Fe):	7439-89-6	2.528447	12.50%	124,998
	Cobalt (Co):	7440-48-4	0.022944	0.11%	1,134
	Carbon (C):	-	0.002294	0.01%	113
	Silicon (Is):	7440-21-3	0.013766	0.07%	681
	Manganese (Mn):	7439-96-5	0.036711	0.18%	1,815
	Phosphorus (P):	7723-14-0	0.001147	0.01%	57
	Sulfur (S):	-	0.001147	0.01%	57
	Chromium (Cr):	7440-47-3	0.004589	0.02%	227
	Aluminium (Al):	7429-90-5	0.004589	0.02%	227