

PEREGRINE MATERIAL DECLARATION FORM

Product:	PE4274
Ordering Codes:	4274-51; 4274-52
Description:	Absortive SPDT Boardband Switch - 75 Ohm with Unpowered Operation
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
Die					
	Sapphire:	1344-28-1	1.054541	2.44%	24,368
	Silicon:	7440-21-3	0.000192	0.00%	4
	Silicon Dioxide:	7631-86-9	0.004326	0.01%	100
	Silicon Nitride:	12033-89-5	0.002403	0.01%	56
	Tungsten Silicide:	12039-88-2	0.000243	0.00%	6
	Titanium:	7440-33-6	0.000184	0.00%	4
	Titanium Nitride:	25583-20-4	0.000538	0.00%	12
	Aluminium Alloy (98.5%-Al, 1%-Si, 0.5%-Cu):	7429-90-5	0.002383	0.01%	55
	Arsenic:	7440-38-2	0.000001	0.00%	0
	Boron:	7440-42-8	0.000102	0.00%	2
	Phosphorous:	7723-14-0	0.000086	0.00%	2
Package					
Leadframe 421950	Cu:	7440-50-8	13.837525	31.98%	319,751
	Fe:	7439-89-6	0.333520	0.77%	7,707
	Zn:	7440-66-6	0.017031	0.04%	394
	P:	7723-14-0	0.004258	0.01%	98
	Ag (weight estimate):	7440-22-4	0.168000	0.39%	3,882
Die attach material	Silver (65 - 85):	7440-22-4	0.129812	0.30%	3,000
	Epoxy Resin (15 - 25):	9003-36-5	0.034617	0.08%	800
	t-Butyl phenyl glycidyl ether (5 - 10):	3101-60-8	0.012981	0.03%	300
	Phenolic hardener (1 - 2):	92-88-6	0.002596	0.01%	60
	Butyl cellosolve acetate (0.5 - 1.5):	112-07-2	0.001731	0.00%	40