

Package Weight and Material Composition

Rev JA

Customer : Nordric / nRF905

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Package: MLF 5x5x0.85 32lds

Pad/cavity size: 3.500 x 3.500 mm

	Name	Composition	%	gms	Density	gms	%	PPM
Molding Compound	Sumitomo EME G700 (Green)				1.95	0.02420	35.78%	357,815
	Resin Type	Multi-aromatic Resin %	16.0	0.003872			5.73%	57,250
	Filler Type	SiO2 Filler %	84.0	0.020329			30.06%	300,564
Frame	C194FH				8.9	0.03683	54.45%	544,529
		Cu	97.44	0.035888			53.06%	530,603
		Fe	2.35	0.000866			1.28%	12,796
		Zn	0.13	0.000046			0.07%	681
		P	0.08	0.000030			0.04%	449
Frame Plating	Ag				Avg. Density	0.00032	0.47%	4,732
		Ag		0.000320	10.50		0.47%	4,732
Die						0.00368	5.43%	54,335
Die #1	Silicon			0.003675	2.4		5.433%	54,335
Die Attach	CRM 1085A					0.00105	1.55%	15,467
		Resin	16	0.000167	4.5		0.25%	2,475
		Ag	84	0.000879			1.30%	12,992
Wire	Wire Dia(mm)	0.020				0.00030	0.44%	4,379
			Cu	99.9900	0.000296		0.438%	4,378
			Ca	0.0020	0.000000		0.000%	0.088
			Ni	0.0015	0.000000		0.000%	0.066
			S	0.0012	0.000000		0.000%	0.053
			Fe	0.0010	0.000000		0.000%	0.044
			Al	0.0010	0.000000		0.000%	0.044
			Others	0.0003	0.000000		0.000%	0.013
External Plating	Sn	Sn				0.00127	1.87%	18,744
			Sn		0.001268		1.874%	18,744
							0.068	100.00%

Shaded blocks calculated per RoHS requirements



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