

Material Composition for F11-111XXX42R

Product Information	
Part Number:	F11-111XXX42R
Part Description:	0.5mm Pitch Conn.
Part Weight (g):	(0.0154 * XXX) + 0.516

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	Gold flash over Nickel
RoHS Compliant? (Y/N)	Yes

Note: Tin plating is subject to 1,000ppm max Lead impurity.

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Signal Contacts - Copper Alloy	0.00671 * XXX	5%	Copper	7440-50-8
	0.00023 * XXX	1%	Nickel	7440-02-0
	0.000122 * XXX	0.5%	Magnesium	7439-95-4
Signal Contacts - Plating	0.00005 * XXX	0.5%	Silicon	7440-21-3
	0.000074 * XXX	10%	Nickel	7440-02-0
	0.000074 * XXX	10%	Gold	7440-57-5
Power Contacts - Copper Alloy	0.0666	5%	Copper	7440-50-8
	0.00229	1%	Nickel	7440-02-0
	0.00122	0.5%	Magnesium	7439-95-4
Power Contacts - Plating	0.000501	0.5%	Silicon	7440-21-3
	0.0003	10%	Nickel	7440-02-0
	0.0003	10%	Gold	7440-57-5
Solder Clips - Brass	0.0124	5%	Copper	7440-50-8
	0.00639	1%	Zinc	7440-66-6
Solder Clips - Plating	0.0006	10%	Nickel	7440-02-0
	0.0006	10%	Tin	7440-31-5
Mouldings (total weight)	(0.0081 * XXX) + 0.425	6%	33% GF LCP	
Containing:	(0.00527 * XXX) + 0.276	6%	Liquid Crystal Polymer	147310-94-9
	(0.00268 * XXX) + 0.141	6%	Glass Fibre	65997-17-3
	(0.000073 * XXX) + 0.00383	6%	Carbon Black	1333-86-4
	(0.000081 * XXX) + 0.00425	6%	Other	-

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On behalf of:

