

Material Composition for F11-100XXX42R

Product Information	
Part Number:	F11-100XXX42R
Part Description:	0.5mm Pitch Conn.
Part Weight (g):	(0.0086 * XXX) + 0.461

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 Contact - Copper Alloy	0.00233 * XXX	5%	Copper	7440-50-8
	0.00008 * XXX	1%	Nickel	7440-02-0
	0.000043 * XXX	0.5%	Magnesium	7439-95-4
	0.000018 * XXX	0.5%	Silicon	7440-21-3
Signal Contact - Plating	0.00004 * XXX	10%	Nickel	7440-02-0
	0.00004 * XXX	10%	Gold	7440-57-5
Power Contacts - Copper Alloy	0.0419	5%	Copper	7440-50-8
	0.00144	1%	Nickel	7440-02-0
	0.000765	0.5%	Magnesium	7439-95-4
	0.000315	0.5%	Silicon	7440-21-3
Power Contacts - Plating	0.0015	10%	Nickel	7440-02-0
	0.0015	10%	Gold	7440-57-5
Solder Clips - Brass	0.0257	5%	Copper	7440-50-8
	0.0133	1%	Zinc	7440-66-6
Solder Clips - Plating	0.0015	10%	Nickel	7440-02-0
	0.0015	10%	Tin	7440-31-5
Moulding (total weight)	(0.00605 * XXX) + 0.372	6%	33% GF LCP	
Containing:	(0.00393 * XXX) + 0.242	6%	Liquid Crystal Polymer	147310-94-9
	(0.002 * XXX) + 0.123	6%	Glass Fibre	65997-17-3
	(0.000054 * XXX) + 0.00335	6%	Carbon Black	1333-86-4
	(0.000061 * XXX) + 0.00372	6%	Other	-

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On behalf of:

