Material Declaration for M402VF-3-016-02NR

Product Information	
Part Number:	M402VF-3-016-02NR
Part Description:	0.5mm Pitch female conn.
Part Weight (g):	0.108

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	100% Tin 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 #
Contacts - Phosphor Bronze	0.0253	5%	Copper	7440-50-8
	0.00133	1%	Tin	7440-31-5
	0.000048	0.5%	Phosphorus	7723-14-0
	0	0.000048g max	Nickel (impurity only)	7440-02-0
	0	0.000048g max	Zinc (impurity only)	7440-66-6
	0	0.000032g max	Iron (impurity only)	7439-89-6
	0	0.000005g max	Lead (impurity only)	7439-92-1
	0	0.000128g max	Other Impurities	
Contacts - Plating	0.000912	10%	Nickel	7440-02-0
	0.000928	20%	Tin	7440-31-5
Retainers - Brass	0.0055	3%	Copper	7440-50-8
	0.00323	2%	Zinc	7440-66-6
	0	0.000008g max	Lead (impurity only)	7439-92-1
	0	0.000008g max	Iron (impurity only)	7439-89-6
	0	0.000008g max	Tin (impurity only)	7440-31-5
	0	0.000026g max	Nickel (impurity only)	7440-02-0
	0	0.000004g max	Aluminium (impurity only)	7429-90-5
	0	0.000008g max	Other Impurities	
Retainers - Plating	0.000226	10%	Nickel	7440-02-0
	0.000232	10%	Tin	7440-31-5
Moulding (total weight)	0.0702	6%	33% GF LCP	
Containing:	0.047	6%	Liquid Crystal Polymer	
	0.0232	6%	Glass Fibre	65997-17-3
Does not contain:			Other Brominated Flame Retardants	
			Antimony	

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