


Material Composition for F12-20004045R

Product Information	
Part Number:	F12-20004045R
Part Description:	0.5mm Pitch Conn.
Part Weight (g):	2.002

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 #
Contacts - Phosphor Bronze	1.105	5%	Copper	7440-50-8
	0.123	1%	Tin	7440-31-5
	0.00197	0.5%	Phosphorus	7723-14-0
Contacts - Plating	0.0049	10%	Nickel	7440-02-0
	0.0049	10%	Gold	7440-57-5
Solder Clips - Brass	0.0892	5%	Copper	7440-50-8
	0.0459	1%	Zinc	7440-66-6
Solder Clips - Plating	0.0025	10%	Nickel	7440-02-0
	0.0025	10%	Tin	7440-31-5
Moulding (total weight)	0.622	6%	33% GF LCP	
Containing:	0.404	6%	Liquid Crystal Polymer	147310-94-9
	0.206	6%	Glass Fibre	65997-17-3
	0.0056	6%	Carbon Black	1333-86-4
	0.00622	6%	Other	-

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