

Material Composition for F10-102XXX45R

Product Information	
Part Number:	F10-102XXX45R
Part Description:	0.5mm Pitch Conn.
Part Weight (g):	$(0.0299 * XXX) + 0.393$

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 #
Contact - Copper Alloy	$0.00531 * XXX$	5%	Copper	7440-50-8
	$0.000182 * XXX$	1%	Nickel	7440-02-0
	$0.000097 * XXX$	0.5%	Magnesium	7439-95-4
Contact - Plating	$0.00004 * XXX$	0.5%	Silicon	7440-21-3
	$0.000135 * XXX$	10%	Nickel	7440-02-0
	$0.000135 * XXX$	10%	Gold	7440-57-5
Solder Clips - Brass	0.0198	5%	Copper	7440-50-8
	0.0102	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)	$(0.024 * XXX) + 0.358$	6%	33% GF LCP	
Containing:	$(0.0156 * XXX) + 0.233$	6%	Liquid Crystal Polymer	147310-94-9
	$(0.00794 * XXX) + 0.118$	6%	Glass Fibre	65997-17-3
	$(0.000216 * XXX) + 0.00322$	6%	Carbon Black	1333-86-4
	$(0.00024 * XXX) + 0.00358$	6%	Other	-

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On behalf of:

