

## Material Composition for F20-102XXX45R

Product Information	
Part Number:	F20-102XXX45R
Part Description:	0.635mm Pitch Conn.
Part Weight (g):	(0.0199 * XXX) + 0.377

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 - Phosphor Bronze	0.00766 * XXX	5%	Copper	7440-50-8
	0.000533 * XXX	1%	Tin	7440-31-5
	0.00001 * XXX	0.5%	Phosphorus	7723-14-0
Contact - Plating	0.000055 * XXX	10%	Nickel	7440-02-0
	0.000055 * XXX	10%	Gold	7440-57-5
Solder Clips - Brass	0.0348	5%	Copper	7440-50-8
	0.018	1%	Zinc	7440-66-6
Solder Clips - Plating	0.002	10%	Nickel	7440-02-0
	0.002	10%	Tin	7440-31-5
Moulding (total weight)	(0.0116 * XXX) + 0.28	6%	33% GF LCP	
<b>Containing:</b>	(0.00754 * XXX) + 0.182	6%	Liquid Crystal Polymer	147310-94-9
	(0.00384 * XXX) + 0.0927	6%	Glass Fibre	65997-17-3
	(0.000104 * XXX) + 0.00252	6%	Carbon Black	1333-86-4
	(0.000116 * XXX) + 0.0028	6%	Other	-

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On behalf of:

