

Material Composition for F30-102XXX45R

Product Information	
Part Number:	F30-102XXX45R
Part Description:	0.8mm Pitch Conn.
Part Weight (g):	(0.037 * XXX) + 0.527

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	0.0125 * XXX	5%	Copper	7440-50-8
	0.00139 * XXX	1%	Tin	7440-31-5
	0.000022 * XXX	0.5%	Phosphorus	7723-14-0
Contact - Plating	0.000063 * XXX	10%	Nickel	7440-02-0
	0.000063 * XXX	10%	Gold	7440-57-5
Solder Clips - Brass	0.0203	5%	Copper	7440-50-8
	0.0104	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)	(0.023 * XXX) + 0.492	6%	33% GF LCP	
Containing:	(0.015 * XXX) + 0.32	6%	Liquid Crystal Polymer	147310-94-9
	(0.00761 * XXX) + 0.163	6%	Glass Fibre	65997-17-3
	(0.000207 * XXX) + 0.00443	6%	Carbon Black	1333-86-4
	(0.00023 * XXX) + 0.00492	6%	Other	-

Prepared by: *M. J. Perry*

Martin J Perry, BSc(Eng) MSc CEng MIET
Compliance Specialist
ComplianceTeam@harwin.com

On behalf of:

