

Material Declaration for M20-781XXXX

Product Information	
Part Number:	M20-781XX45
Part Description:	2.54mm pitch Socket
Part Weight (g):	(0.0834 * XX) + 0.0106

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	Gold 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	0.0206 * XX	5%	Copper	7440-50-8
	0.00109 * XX	1%	Tin	7440-31-5
	0.000044 * XX	0.5%	Phosphorus	7723-14-0
	0	(0.00044 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000044 * XX)g max	Zinc (impurity only)	7440-66-6
	0	(0.000044 * XX)g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	(0.000044 * XX)g max	Lead (impurity only)	7439-92-1
	0	(0.000044 * XX)g max	Other Impurities	
	0.00392 * XX	10%	Nickel	7440-02-0
	0.00001 * XX	30%	Gold	7440-57-5
Moulding (total weight) Containing:	(0.0577 * XX) + 0.0106	6%	33% GF Nylon 9T	
	(0.0248 * XX) + 0.00456	6%	Nylon 9T	169284-22-4
	(0.019 * XX) + 0.0035	6%	Glass Fibre	65997-17-3
	(0.0121 * XX) + 0.00223	6%	Bromopolystyrene	88497-56-7
	(0.00173 * XX) + 0.000318	4%	Additives (such as Heat stabilizer)	
Does not contain:			Antimony	

Prepared by: *M. J. Perry*

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

On behalf of:

