


Material Declaration for KA1-MV1XX05M1

Product Information	
Part Number:	KA1-MV1XX05M1
Part Description:	Kona Male SIL Connector
Part Weight (g):	(1.655 * XX) + 3.449

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	Gold over Nickel
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contacts - Beryllium Copper	0.971 * XX	1%	Copper	7440-50-8
	0.0189 * XX	0.5%	Beryllium	7440-41-7
	0.00397 * XX	0.5%	Lead	7439-92-1
	0	(0.00298 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.00298 * XX)g max	Cobalt (impurity only)	7440-48-4
	0	(0.00199 * XX)g max	Iron (impurity only)	7439-89-6
Contacts - Plating	0	(0.00199 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.00199 * XX)g max	Silicon (impurity only)	7440-21-3
	0.00409 * XX	5%	Gold	7440-57-5
	0.00429 * XX	10%	Nickel	7440-02-0
	0.00268 * XX	10%	Copper	7440-50-8
Jackscrews - Stainless Steel	0.989	10%	Iron	7439-89-6
	0.245	4%	Chromium (Metallic)	7440-47-3
	0.122	4%	Nickel	7440-02-0
	0.0034	0.5%	Sulphur	7704-34-9
	0	0.00163g max	Carbon (impurity only)	7440-44-0
	0	0.0034g max	Silicon (impurity only)	7440-21-3
	0	0.0272g max	Manganese (impurity only)	7439-96-5
	0	0.000816g max	Phosphorus (impurity only)	7723-14-0
	0	0.0136g max	Molybdenum (impurity only)	7439-98-7
	0	0.00272g max	Niobium (impurity only)	7440-03-1
0	0.00136g max	Titanium (impurity only)	7440-32-6	
0	0.00952g max	Copper (impurity only)	7440-50-8	
Moulding (total weight)	(0.65 * XX) + 1.08	10%	40% Glass-Filled PPS	
Containing:	(0.39 * XX) + 0.648	10%	PPS	26125-40-6
	(0.26 * XX) + 0.432	10%	40% Glass Fibre	65997-17-3
Does not contain:			Antimony	
		Other Brominated Flame Retardants		
Pick & Place Cap (total weight)	1.01	6%	15% Glass-Filled Nylon 66	
Containing:	0.808	6%	Polyamide 66	32131-17-2
	0.141	6%	15% Glass Fibre	65997-17-3
	0.0606	6%	Melamine Cyanurate	37640-57-6
Does not contain:			Brominated Flame Retardants	
			Antimony	

Prepared by: 

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

On behalf of: 