


Material Declaration for KA1-MV1XX05M2

Product Information	
Part Number:	KA1-MV1XX05M2
Part Description:	Kona Male SIL Connector
Part Weight (g):	(1.655 * XX) + 3.95

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	
Contacts - Plating	0	(0.00199 * XX)g max	Iron (impurity only)	7439-89-6	
	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	
Jackscrews - Stainless Steel	0.00268 * XX	10%	Copper	7440-50-8	
	0.96	10%	Iron	7439-89-6	
	0.238	4%	Chromium (Metallic)	7440-47-3	
	0.119	4%	Nickel	7440-02-0	
	0.0033	0.5%	Sulphur	7704-34-9	
	0	0.00158g max	Carbon (impurity only)	7440-44-0	
	0	0.0132g max	Silicon (impurity only)	7440-21-3	
	0	0.0264g max	Manganese (impurity only)	7439-96-5	
	0	0.000792g max	Phosphorus (impurity only)	7723-14-0	
	0	0.0132g max	Molybdenum (impurity only)	7439-98-7	
	0	0.00264g max	Niobium (impurity only)	7440-03-1	
	0	0.00132g max	Titanium (impurity only)	7440-32-6	
	0	0.00924g max	Copper (impurity only)	7440-50-8	
	Jackscrew Retainers - Stainless Steel	0.393	10%	Iron	7439-89-6
		0.0972	4%	Chromium (Metallic)	7440-47-3
0.0486		4%	Nickel	7440-02-0	
0.00135		0.5%	Sulphur	7704-34-9	
0		0.000648g max	Carbon (impurity only)	7440-44-0	
0		0.0054g max	Silicon (impurity only)	7440-21-3	
0		0.0108g max	Manganese (impurity only)	7439-96-5	
0		0.000324g max	Phosphorus (impurity only)	7723-14-0	
0		0.0054g max	Molybdenum (impurity only)	7439-98-7	
0		0.00108g max	Niobium (impurity only)	7440-03-1	
0		0.00054g max	Titanium (impurity only)	7440-32-6	
0		0.00378g 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: 