


Material Declaration for KA1-MV2XX05M2

Product Information	
Part Number:	KA1-MV2XX05M2
Part Description:	Kona Male SIL Connector
Part Weight (g):	(1.79 * 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	1.102 * XX	1%	Copper	7440-50-8
	0.0214 * XX	0.5%	Beryllium	7440-41-7
	0.00451 * XX	0.5%	Lead	7439-92-1
	0	(0.00338 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.00338 * XX)g max	Cobalt (impurity only)	7440-48-4
	0	(0.00226 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.00226 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.00226 * XX)g max	Silicon (impurity only)	7440-21-3
Contacts - Plating	0.0044 * XX	5%	Gold	7440-57-5
	0.00461 * XX	10%	Nickel	7440-02-0
	0.00289 * XX	10%	Copper	7440-50-8
Jackscrews - Stainless Steel	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	

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On behalf of:

HARWIN