

Material Declaration for KA1-MH1XX05M4

Product Information	
Part Number:	KA1-MH1XX05M4
Part Description:	Kona Male Horiz PCT Conn
Part Weight (g):	(3.351 * XX) + 6.35

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	2.003 * XX	1%	Copper	7440-50-8
	0.039 * XX	0.5%	Beryllium	7440-41-7
	0.0082 * XX	0.5%	Lead	7439-92-1
	0	(0.00615 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.00615 * XX)g max	Cobalt (impurity only)	7440-48-4
	0	(0.0041 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.0041 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.0041 * XX)g max	Silicon (impurity only)	7440-21-3
	0.0041 * XX	5%	Gold	7440-57-5
	0.0043 * XX	10%	Nickel	7440-02-0
Contacts - Plating	0.00269 * XX	10%	Copper	7440-50-8
Board Mount Knuts - Stainless Steel	3.012	10%	Iron	7439-89-6
	0.745	4%	Chromium (Metallic)	7440-47-3
	0.373	4%	Nickel	7440-02-0
	0.0104	0.5%	Sulphur	7704-34-9
	0	0.00497g max	Carbon (impurity only)	7440-44-0
	0	0.0414g max	Silicon (impurity only)	7440-21-3
	0	0.0828g max	Manganese (impurity only)	7439-96-5
	0	0.00248g max	Phosphorus (impurity only)	7723-14-0
	0	0.0414g max	Molybdenum (impurity only)	7439-98-7
	0	0.0828g max	Niobium (impurity only)	7440-03-1
	0	0.00414g max	Titanium (impurity only)	7440-32-6
	0	0.029g max	Copper (impurity only)	7440-50-8
Threaded Inserts - Stainless Steel	0.451	10%	Iron	7439-89-6
	0.112	4%	Chromium (Metallic)	7440-47-3
	0.0558	4%	Nickel	7440-02-0
	0.00155	0.5%	Sulphur	7704-34-9
	0	0.000744g max	Carbon (impurity only)	7440-44-0
	0	0.0062g max	Silicon (impurity only)	7440-21-3
	0	0.0124g max	Manganese (impurity only)	7439-96-5
	0	0.000372g max	Phosphorus (impurity only)	7723-14-0
	0	0.0062g max	Molybdenum (impurity only)	7439-98-7
	0	0.00124g max	Niobium (impurity only)	7440-03-1
	0	0.00062g max	Titanium (impurity only)	7440-32-6
	0	0.00434g max	Copper (impurity only)	7440-50-8
Male Moulding (total weight)	(0.66 * XX) + 1.05	10%	40% Glass-Filled PPS	
Containing:	(0.396 * XX) + 0.63	10%	PPS	26125-40-6
	(0.264 * XX) + 0.42	10%	40% Glass Fibre	65997-17-3
Does not contain:			Antimony	
			Other Brominated Flame Retardants	
Shroud Moulding (total weight)	(0.63 * XX) + 0.54	10%	40% Glass-Filled PPS	
Containing:	(0.378 * XX) + 0.324	10%	PPS	26125-40-6
	(0.252 * XX) + 0.216	10%	40% Glass Fibre	65997-17-3
Does not contain:			Antimony	
			Other Brominated Flame Retardants	

Prepared by: 

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

On behalf of:

HARWIN