

Material Declaration for KA1-950XX02

Product Information	
Part Number:	KA1-950XX02
Part Description:	Metal Shell
Part Weight (g):	$(0.428 * XX) + 2.825$

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	n/a
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Metal Shell - Aluminium	$(0.363 * XX) + 2.541$	5%	Aluminium	7429-90-5
	$(0.00371 * XX) + 0.026$	5%	Magnesium	7439-95-4
	$(0.00223 * XX) + 0.0156$	10%	Silicon	7440-21-3
	$(0.00102 * XX) + 0.00714$	20%	Copper	7440-50-8
	$(0.000724 * XX) + 0.00506$	20%	Chromium	7440-47-3
	0	$[(0.0026 * XX) + 0.0182]g \text{ max}$	Iron (impurity only)	7439-89-6
	0	$[(0.000927 * XX) + 0.00649]g \text{ max}$	Zinc (impurity only)	7440-66-6
	0	$[(0.000556 * XX) + 0.00389]g \text{ max}$	Manganese (impurity only)	7439-96-5
	0	$[(0.000556 * XX) + 0.00389]g \text{ max}$	Titanium (impurity only)	7440-32-6
	0	$[(0.000556 * XX) + 0.00389]g \text{ max}$	Other Impurities	
Metal Shell - Nickel Plating	$(0.0512 * XX) + 0.205$	10%	Nickel	7440-02-0
	$(0.00633 * XX) + 0.0253$	10%	Phosphorus	7723-14-0

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On behalf of:

HARWIN