

Material Declaration for M80-905XX02

Product Information	
Part Number:	M80-905XX02
Part Description:	Male Metal Backshell
Part Weight (g):	$(0.065 * XX) + 1.52$

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

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Backshell - Aluminium	$(0.057 * XX) + 1.31$	5%	Aluminium	7429-90-5
	$(0.000582 * XX) + 0.0133$	5%	Magnesium	7439-95-4
	$(0.000349 * XX) + 0.00803$	10%	Silicon	7440-21-3
	$(0.000161 * XX) + 0.00368$	20%	Copper	7440-50-8
	$(0.000114 * XX) + 0.00261$	20%	Chromium	7440-47-3
	0	$[(0.000408 * XX) + 0.00936]g \text{ max}$		Iron (impurity only)
0	$[(0.000146 * XX) + 0.00334]g \text{ max}$		Zinc (impurity only)	7440-66-6
0	$[(0.000087 * XX) + 0.00201]g \text{ max}$		Manganese (impurity only)	7439-96-5
0	$[(0.000087 * XX) + 0.00201]g \text{ max}$		Titanium (impurity only)	7440-32-6
0	$[(0.000087 * XX) + 0.00201]g \text{ max}$		Other Impurities	
Backshell - Nickel Plating	$(0.00605 * XX) + 0.162$	10%	Nickel	7440-02-0
	$(0.000742 * XX) + 0.02$	10%	Phosphorus	7723-14-0

Prepared by: *M. J. Perry*

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

On behalf of:

