

Material Declaration for R40-100XX02

Product Information	
Part Number:	R40-100XX02 (up to XX=28)
Part Description:	M4 F/F Spacer
Part Weight (g):	0.272 * XX

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 #
Base Material - Brass	0.158 * XX	3%	Copper	7440-50-8
	0.106 * XX	3%	Zinc	7440-66-6
	0.008116 * XX	2%	Lead	7439-92-1
	0	(0.000816 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000816 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000816 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000136 * XX)g max	Aluminium (impurity only)	7429-90-5
Plating	0	(0.000544 * XX)g max	Other Impurities	
	0.00016 * XX	20%	Nickel	7440-02-0

Product Information	
Part Number:	R40-1003002
Part Description:	M4 F/F Spacer, 30mm long
Part Weight (g):	8.569

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 #
Base Material - Brass	4.968	3%	Copper	7440-50-8
	3.34	3%	Zinc	7440-66-6
	0.257	2%	Lead	7439-92-1
	0	0.0257g max	Iron (impurity only)	7439-89-6
	0	0.0257g max	Tin (impurity only)	7440-31-5
	0	0.0257g max	Nickel (impurity only)	7440-02-0
	0	0.00428g max	Aluminium (impurity only)	7429-90-5
Plating	0	0.0171g max	Other Impurities	
	0.00378	20%	Nickel	7440-02-0

Product Information	
Part Number:	R40-1003602
Part Description:	M4 F/F Spacer, 36mm long
Part Weight (g):	10.745

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 #
Base Material - Brass	6.23	3%	Copper	7440-50-8
	4.189	3%	Zinc	7440-66-6
	0.322	2%	Lead	7439-92-1
	0	0.0322g max	Iron (impurity only)	7439-89-6
	0	0.0322g max	Tin (impurity only)	7440-31-5
	0	0.0322g max	Nickel (impurity only)	7440-02-0
	0	0.00537g max	Aluminium (impurity only)	7429-90-5
Plating	0	0.0215g max	Other Impurities	
	0.00423	20%	Nickel	7440-02-0

Material Declaration for R40-100XX02

Product Information	
Part Number:	R40-1006002
Part Description:	M4 F/F Spacer, 60mm long
Part Weight (g):	19.457

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 #
Base Material - Brass	11.281	3%	Copper	7440-50-8
	7.586	3%	Zinc	7440-66-6
	0.584	2%	Lead	7439-92-1
	0	0.0584g max	Iron (impurity only)	7439-89-6
	0	0.0584g max	Tin (impurity only)	7440-31-5
	0	0.0584g max	Nickel (impurity only)	7440-02-0
	0	0.00973g max	Aluminium (impurity only)	7429-90-5
Plating	0	0.0389g max	Other Impurities	
	0.00602	20%	Nickel	7440-02-0

Prepared by:

M. J. Perry

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

On behalf of:

HARWIN