

## Material Declaration for R619X-02

Product Information	
Part Number:	R619X-02
Part Description:	M2.5 Threaded Spacer
Part Weight (g):	See table

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

Part Number	Part Weight (g)	Base Material - Brass								Plating	Homogeneous Material Location
		Impurities only									
		Copper	Zinc	Lead	Iron	Tin	Nickel	Aluminium	Other	Nickel	Substance Name
		7440-50-8	7440-66-6	7439-92-1	7439-89-6	7440-31-5	7440-02-0	7429-90-5		7440-02-0	CAS #
		3%	3%	2%	Max	Max	Max	Max	Max	20%	Tolerance
		Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)	Weight (g)	
R6190-02	0.47	0.272	0.183	0.0141	0.00141	0.00141	0.00141	0.000234	0.000937	0.00126	
R6191-02	0.94	0.544	0.366	0.0281	0.00281	0.00281	0.00281	0.000469	0.00186	0.00219	
R6192-02	1.41	0.816	0.549	0.0422	0.00422	0.00422	0.00422	0.000703	0.00281	0.00311	
R6193-02	1.88	1.088	0.732	0.0563	0.00563	0.00563	0.00563	0.000938	0.00375	0.00404	
R6194-02	2.349	1.36	0.914	0.0703	0.00704	0.00704	0.00704	0.00117	0.00469	0.00497	
R6195-02	2.819	1.632	1.097	0.0844	0.00844	0.00844	0.00844	0.00141	0.00563	0.00589	
R6196-02	3.289	1.904	1.28	0.0985	0.00985	0.00985	0.00985	0.00164	0.00657	0.00682	
R6197-02	3.76	2.176	1.463	0.113	0.0113	0.0113	0.0113	0.0188	0.0075	0.00775	

Prepared by: *M. J. Perry*

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On behalf of: **HARWIN**