

## Material Declaration for S1971-46R

Product Information	
Part Number:	S1971-46R
Part Description:	Spring Contact
Part Weight (g):	0.0392

Process Data	
Peak Reflow (Deg. C)	260°C for 10 seconds
Termination Finish	100% Tin over Nickel
RoHS Compliant? (Y/N)	Yes

Note: Tin plating is subject to 1,000ppm max Lead impurity.

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Cupro-Nickel	0.0353	5%	Copper	7440-50-8
	0.00103	5%	Nickel	7440-02-0
	0.000114	5%	Cobalt	7440-48-4
	0.000267	1%	Silicon	7440-21-3
	0.000064	0.5%	Magnesium	7439-95-4
	0	0.000074g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	0.000018g max	Lead (impurity only)	7439-92-1
	0	0.000368g max	Zinc (impurity only)	7440-66-6
	0	0.000037g max	Manganese (impurity only)	7439-96-5
	0	0.000184g max	Other Impurities	
	0.00109	10%	Nickel	7440-02-0
	0.00135	10%	Tin	7440-31-5

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On behalf of:

