Material Declaration for S1941-XXR

Product Information	
Part Number:	S1941-42R
Part Description:	Multi-Direction Spring Contact
Part Weight (g):	0.126

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	100% Tin over Nickel
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Base Material - Beryllium Copper	0.117	2%	Copper	7440-50-8
	0.00227	1%	Beryllium	7440-41-7
	0	0.000359g max	Nickel (impurity only)	7440-02-0
	0	0.000359g max	Cobalt (impurity only)	7440-48-4
	0	0.000239g max	Iron (impurity only)	7439-89-6
	0	0.000239g max	Aluminium (impurity only)	7429-90-5
	0	0.000239g max	Silicon (impurity only)	7440-21-3
	0	0.000598g max	Other Impurities	
Plating	0.00415	10%	Nickel	7440-02-0
	0.00256	10%	Tin	7440-31-5
	0.000225	10%	Gold	7440-57-5

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

Product Information	
Part Number:	S1941-46R
Part Description:	Multi-Direction Spring Contact
Part Weight (g):	0.127

Process Data	
Peak Reflow (Deg. C)	n/a
Termination Finish	100% Tin over Nickel
RoHS Compliant? (Y/N)	Yes

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Base Material - Beryllium Copper	0.117	2%	Copper	7440-50-8
	0.00227	1%	Beryllium	7440-41-7
	0	0.000359g max	Nickel (impurity only)	7440-02-0
	0	0.000359g max	Cobalt (impurity only)	7440-48-4
	0	0.000239g max	Iron (impurity only)	7439-89-6
	0	0.000239g max	Aluminium (impurity only)	7429-90-5
	0	0.000239g max	Silicon (impurity only)	7440-21-3
	0	0.000598g max	Other Impurities	
Plating	0.00346	10%	Nickel	7440-02-0
	0.00425	5%	Tin	7440-31-5

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

Prepared by: M. J. Perry

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On behalf of: HARWiN