

## Material Declaration for S7191-45R

Product Information	
Part Number:	S7191-45R
Part Description:	Antenna Spring Contact
Part Weight (g):	0.0448

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

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contact - Phosphor Bronze	0.0394	2%	Copper	7440-50-8
	0.00439	1%	Tin	7440-31-5
	0.000083	0.5%	Phosphorus	7723-14-0
	0	0.000088g max	Zinc (impurity only)	7440-66-6
	0	0.000044g max	Iron (impurity only)	7439-89-6
Contact - Plating	0	0.000009g max	Lead (impurity only)	7439-92-1
	0	0.000219g max	Other Impurities	
	0.000806	10%	Nickel	7440-02-0
	0.00014	20%	Gold	7440-57-5

Prepared by:

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On behalf of:

**HARWIN**