

Material Declaration for H3153-XX

Product Information	
Part Number:	H3153-01
Part Description:	Sub-Miniature PCB Socket
Part Weight (g):	0.0128

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 Shell - Brass	0.00555	2%	Copper	7440-50-8
	0.00373	1%	Zinc	7440-66-6
	0.000287	0.5%	Lead	7439-92-1
	0	0.000029g max	Iron (impurity only)	7439-89-6
	0	0.000029g max	Tin (impurity only)	7440-31-5
	0	0.000029g max	Nickel (impurity only)	7440-02-0
	0	0.000005g max	Aluminium (impurity only)	7429-90-5
Contact Shell - Plating	0	0.000019g max	Other Impurities	
	0.000643	5%	Tin	7440-31-5
	0.000392	10%	Nickel	7440-02-0
Contact Clip - Beryllium Copper	0.00207	1%	Copper	7440-50-8
	0.00004	0.5%	Beryllium	7440-41-7
	0	0.000006g max	Nickel (impurity only)	7440-02-0
	0	0.000006g max	Cobalt (impurity only)	7440-48-4
	0	0.000004g max	Iron (impurity only)	7439-89-6
	0	0.000004g max	Aluminium (impurity only)	7429-90-5
	0	0.000004g max	Silicon (impurity only)	7440-21-3
Contact Clip - Plating	0	0.000011g max	Other Impurities	
	0.000006	5%	Gold	7440-57-5
	0.000057	10%	Nickel	7440-02-0

Material Declaration for H3153-XX

Product Information	
Part Number:	H3153-05
Part Description:	Sub-Miniature PCB Socket
Part Weight (g):	0.122

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 Shell - Brass	0.00555	2%	Copper	7440-50-8
	0.00373	1%	Zinc	7440-66-6
	0.000287	0.5%	Lead	7439-92-1
	0	0.000029g max	Iron (impurity only)	7439-89-6
	0	0.000029g max	Tin (impurity only)	7440-31-5
	0	0.000029g max	Nickel (impurity only)	7440-02-0
	0	0.000005g max	Aluminium (impurity only)	7429-90-5
Contact Shell - Plating	0	0.000019g max	Other Impurities	
	0.000042	5%	Gold	7440-57-5
	0.000392	10%	Nickel	7440-02-0
Contact Clip - Beryllium Copper	0.00207	1%	Copper	7440-50-8
	0.00004	0.5%	Beryllium	7440-41-7
	0	0.000006g max	Nickel (impurity only)	7440-02-0
	0	0.000006g max	Cobalt (impurity only)	7440-48-4
	0	0.000004g max	Iron (impurity only)	7439-89-6
	0	0.000004g max	Aluminium (impurity only)	7429-90-5
	0	0.000004g max	Silicon (impurity only)	7440-21-3
	0	0.000011g max	Other Impurities	
	Contact Clip - Plating	0.000006	5%	Gold
0.000057		10%	Nickel	7440-02-0




Material Declaration for H3153-XX

Product Information	
Part Number:	H3153-46
Part Description:	Sub-Miniature PCB Socket
Part Weight (g):	0.013

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 Shell - Brass	0.00555	2%	Copper	7440-50-8	
	0.00373	1%	Zinc	7440-66-6	
	0.000287	0.5%	Lead	7439-92-1	
	0	0.000029g max	Iron (impurity only)	7439-89-6	
	0	0.000029g max	Tin (impurity only)	7440-31-5	
	0	0.000029g max	Nickel (impurity only)	7440-02-0	
	0	0.000005g max	Aluminium (impurity only)	7429-90-5	
Contact Shell - Plating	0	0.000019g max	Other Impurities		
	0.000643	5%	Tin	7440-31-5	
	0.000392	10%	Nickel	7440-02-0	
Contact Clip - Beryllium Copper	0.00207	1%	Copper	7440-50-8	
	0.00004	0.5%	Beryllium	7440-41-7	
	0	0.000006g max	Nickel (impurity only)	7440-02-0	
	0	0.000006g max	Cobalt (impurity only)	7440-48-4	
	0	0.000004g max	Iron (impurity only)	7439-89-6	
	0	0.000004g max	Aluminium (impurity only)	7429-90-5	
	0	0.000004g max	Silicon (impurity only)	7440-21-3	
	0	0.000011g max	Other Impurities		
	Contact Clip - Plating	0.000139	5%	Tin	7440-31-5
		0.000136	10%	Nickel	7440-02-0

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On behalf of:

