

Material Declaration for H8501-XX

Product Information	
Part Number:	H8501-01
Part Description:	0.8mm PC Board Socket
Part Weight (g):	0.0819

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	0.0387	2%	Copper	7440-50-8
	0.0261	1%	Zinc	7440-66-6
	0.002	0.5%	Lead	7439-92-1
	0	0.0002g max	Iron (impurity only)	7439-89-6
	0	0.0002g max	Tin (impurity only)	7440-31-5
	0	0.0002g max	Nickel (impurity only)	7440-02-0
	0	0.000033g max	Aluminium (impurity only)	7429-90-5
	0	0.000134g max	Other Impurities	
Contact Shell - Plating	0.00124	10%	Nickel	7440-02-0
	0.00216	10%	Tin	7440-31-5
Contact Clip - Beryllium Copper	0.0113	2%	Copper	7440-50-8
	0.000046	1%	Beryllium	7440-41-7
	0.000209	2%	Nickel	7440-02-0
	0	0.000035g max	Cobalt (impurity only)	7440-48-4
	0	0.000012g max	Iron (impurity only)	7439-89-6
	0	0.000058g max	Other Impurities	
Contact Clip - Plating	0.000181	10%	Nickel	7440-02-0
	0.00001	5%	Gold	7440-57-5

Material Declaration for H8501-XX

Product Information	
Part Number:	H8501-05
Part Description:	0.8mm PC Board Socket
Part Weight (g):	0.0799

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	0.0387	2%	Copper	7440-50-8
	0.0261	1%	Zinc	7440-66-6
	0.002	0.5%	Lead	7439-92-1
	0	0.0002g max	Iron (impurity only)	7439-89-6
	0	0.0002g max	Tin (impurity only)	7440-31-5
	0	0.0002g max	Nickel (impurity only)	7440-02-0
	0	0.000033g max	Aluminium (impurity only)	7429-90-5
	0	0.000134g max	Other Impurities	
Contact Shell - Plating	0.00124	10%	Nickel	7440-02-0
	0.000101	5%	Gold	7440-57-5
Contact Clip - Beryllium Copper	0.0113	2%	Copper	7440-50-8
	0.000046	1%	Beryllium	7440-41-7
	0.000209	2%	Nickel	7440-02-0
	0	0.000035g max	Cobalt (impurity only)	7440-48-4
	0	0.000012g max	Iron (impurity only)	7439-89-6
	0	0.000058g max	Other Impurities	
Contact Clip - Plating	0.000181	10%	Nickel	7440-02-0
	0.00001	5%	Gold	7440-57-5

Material Declaration for H8501-XX

Product Information	
Part Number:	H8501-46
Part Description:	0.8mm PC Board Socket
Part Weight (g):	0.0826

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	0.0387	2%	Copper	7440-50-8
	0.0261	1%	Zinc	7440-66-6
	0.002	0.5%	Lead	7439-92-1
	0	0.0002g max	Iron (impurity only)	7439-89-6
	0	0.0002g max	Tin (impurity only)	7440-31-5
Contact Shell - Plating	0	0.0002g max	Nickel (impurity only)	7440-02-0
	0	0.000033g max	Aluminium (impurity only)	7429-90-5
	0	0.000134g max	Other Impurities	
Contact Shell - Plating	0.00124	10%	Nickel	7440-02-0
	0.00216	10%	Tin	7440-31-5
Contact Clip - Beryllium Copper	0.0113	2%	Copper	7440-50-8
	0.000046	1%	Beryllium	7440-41-7
	0.000209	2%	Nickel	7440-02-0
	0	0.000035g max	Cobalt (impurity only)	7440-48-4
	0	0.000012g max	Iron (impurity only)	7439-89-6
Contact Clip - Plating	0	0.000058g max	Other Impurities	
	0.000434	10%	Nickel	7440-02-0
	0.000445	10%	Tin	7440-31-5

Prepared by:

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On behalf of:

HARWIN