


## Material Declaration for D8864-42

Product Information	
Part Number:	D8864-42
Part Description:	Female DIL IC Socket
Part Weight (g):	4.109

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 Shells - Brass	1.089	2%	Copper	7440-50-8
	0.732	1%	Zinc	7440-66-6
	0.0687	0.5%	Lead	7439-92-1
	0	0.00563g max	Iron (impurity only)	7439-89-6
	0	0.00563g max	Tin (impurity only)	7440-31-5
	0	0.00563g max	Nickel (impurity only)	7440-02-0
	0	0.00096g max	Aluminium (impurity only)	7429-90-5
Contact Shells - Plating	0	0.00378g max	Other Impurities	
	0.039	10%	Nickel	7440-02-0
	0.0721	10%	Tin	7440-31-5
Contact Clips - Beryllium Copper	0.338	2%	Copper	7440-50-8
	0.00659	1%	Beryllium	7440-41-7
	0.00102	2%	Nickel	7440-02-0
	0	0.00102g max	Cobalt (impurity only)	7440-48-4
	0	0.000704g max	Iron (impurity only)	7439-89-6
	0	0.000704g max	Aluminium (impurity only)	7429-90-5
	0	0.000704g max	Silicon (impurity only)	7440-21-3
Contact Clips - Plating	0	0.00173g max	Other Impurities	
	0.0064	10%	Nickel	7440-02-0
	0.000192	5%	Gold	7440-57-5
Moulding (total weight)	1.756	5%	30% GF PCT	
Containing:	0.878	5%	PCT	25135-20-0
	0.527	5%	30% Glass Fibre	65997-17-3
	0.0878	5%	Antimony Trioxide	1309-64-4
	0.263	5%	Other Brominated Flame Retardants	

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On behalf of:

**HARWIN**