

Material Declaration for D27XX-42, D28XX-42, D29XX-42

Product Information	
Part Number:	D27XX-42, D28XX-42, D29XX-42
Part Description:	DIL IC Socket
Part Weight (g):	See table below

Process Data	
Peak Reflow (Deg. C)	260°C for 10 sec
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	0.0183 * XX	3%	Copper	7440-50-8
	0.000948 * XX	1%	Lead	7439-92-1
	0.0123 * XX	4%	Zinc	7440-66-6
	0	(0.000095 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000095 * XX)g max	Tin (impurity only)	7440-31-5
	0	(0.000095 * XX)g max	Nickel (impurity only)	7440-02-0
Contact Shell - Plating	0	(0.000016 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000063 * XX)g max	Other Impurities	
	0.00073 * XX	10%	Nickel	7440-02-0
	0.0015 * XX	5%	Tin	7440-31-5
Contact Clip - Beryllium Copper	0.00528 * XX	3%	Copper	7440-50-8
	0.000103 * XX	2%	Beryllium	7440-41-7
	0	(0.000016 * XX)g max	Nickel (impurity only)	7440-02-0
	0	(0.000016 * XX)g max	Cobalt (impurity only)	7440-48-4
	0	(0.000011 * XX)g max	Iron (impurity only)	7439-89-6
	0	(0.000011 * XX)g max	Aluminium (impurity only)	7429-90-5
	0	(0.000011 * XX)g max	Silicon (impurity only)	7440-21-3
	0	(0.000027 * XX)g max	Other Impurities	
	0.0001 * XX	10%	Nickel	7440-02-0
	0.000003 * XX	5%	Gold	7440-57-5
Moulding (total weight)	See table below	5%	30% GF PCT UL94V-0	
Containing:	See table below	5%	PCT	25135-20-0
	See table below	5%	30% Glass Fibre	65997-17-3
	See table below	5%	Sodium Antimonate	15432-85-6
	See table below	5%	Other Brominated Flame Retardants [ISO 1043-4 Code No: FR(17)]	

Part No.	Part Weight	Mould Weight	PCT	Glass Fibre	Sodium Antimonate	Other BFR's
D2724-42	1.507g	0.563g	0.282g	0.169g	0.0282g	0.0845g
D2806-42	0.473g	0.237g	0.119g	0.0711g	0.0119g	0.0356g
D2808-42	0.547g	0.233g	0.117g	0.0699g	0.0117g	0.035g
D2814-42	0.914g	0.364g	0.182g	0.109g	0.0182g	0.0546g
D2816-42	1.038g	0.409g	0.205g	0.123g	0.0205g	0.0614g
D818-42	1.175g	0.468g	0.234g	0.14g	0.0234g	0.0702g
D2820-42	1.313g	0.527g	0.264g	0.158g	0.0264g	0.0791g
D2822-42	1.703g	0.838g	0.417g	0.251g	0.0419g	0.126g
D2824-42	1.978g	1.035g	0.518g	0.311g	0.0518g	0.155g
D2828-42	1.853g	0.752g	0.376g	0.226g	0.0376g	0.113g
D2832-42	2.533g	1.275g	0.638g	0.383g	0.0638g	0.191g
D2840-42	3.213g	1.641g	0.821g	0.492g	0.0821g	0.246g
D2864-42	5.158g	2.643g	1.322g	0.793g	0.132g	0.396g
D2922-42	1.642g	0.777g	0.389g	0.233g	0.0389g	0.117g
D2924-42	1.771g	0.828g	0.414g	0.248g	0.0414g	0.124g
D2928-42	2.065g	0.964g	0.482g	0.289g	0.0482g	0.145g
D2948-42	3.802g	1.915g	0.958g	0.575g	0.0958g	0.287g

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