

Material Composition for M58-350XX42R

Product Information	
Part Number:	M58-350XX42R
Part Description:	0.5mm pitch Male
Part Weight (g):	$(0.0537 * XX) + 0.0501$

Process Data	
Peak Reflow (Deg. C)	250°C for 5 seconds
Termination Finish	100% Tin over Nickel
RoHS Compliant? (Y/N)	Yes

NOTES:

- (1) No of contacts = $XX * 10$.
- (2) Tin plating is subject to 1,000ppm max Lead impurity.

Homogeneous Material Location	Weight (g)	Tolerance	Substance Name	CAS #
Contacts - Phosphor Bronze	$0.0148 * XX$	5%	Copper	7440-50-8
	$0.00129 * XX$	1%	Tin	7440-31-5
	$0.000032 * XX$	0.5%	Phosphorus	7723-14-0
	0	$(0.000032 * XX)g \text{ max}$	Zinc (impurity only)	7440-66-6
Contacts - Plating	0	$(0.000016 * XX)g \text{ max}$	Iron (impurity only)	7439-89-6
	$0.00075 * XX$	10%	Nickel	7440-02-0
	$0.0002 * XX$	20%	Tin	7440-31-5
	$0.00002 * XX$	30%	Gold	7440-57-5
Moulding (total weight)	$(0.0366 * XX) + 0.0501$	6%	40% GF LCP	
Containing:	$(0.022 * XX) + 0.0301$	6%	Liquid Crystal Polymer	
	$(0.0146 * XX) + 0.02$	6%	Glass Fibre	65997-17-3
Does not contain:			Other Brominated Flame Retardants	
			Antimony	

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On behalf of:

