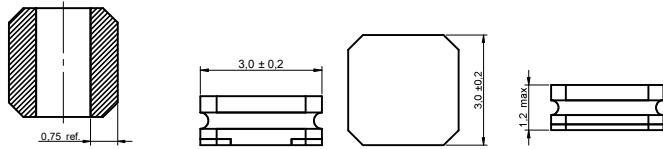


NRS

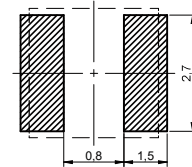
SMD Shielded Tiny Power Inductor

Size 3012

Dimensions (in mm)



Recommended Land Pattern: [mm]



Electrical properties

Part Number	L (μH)	Tolerance (%)	I_R (A)	I_{sat} (A)	$R_{DC} \pm 25\%$ (m Ω)	Qty.
NRS3012-R47N	0.47	±30	2.2	2.20	33	2000
NRS3012-R82N	0.82		2.1	2.05	40	
NRS3012-1R0N	1.0		2.00	1.90	48	
NRS3012-1R5N	1.5	±20	1.85	1.62	55	
NRS3012-2R2M	2.2		1.55	1.20	75	
NRS3012-3R3M	3.3		1.35	1.05	100	
NRS3012-4R7M	4.7		1.25	0.90	120	
NRS3012-6R8M	6.8		1.00	0.75	190	
NRS3012-100M	10		0.89	0.60	265	
NRS3012-150M	15	0.72	0.45	430		
NRS3012-220M	22	0.55	0.42	630		