



TDK Corporation of America

SPM6530T-1R5M100

Wire Wound Inductor for Power Line

Category : **Inductors (Coils)**Sub Category : **Inductor Coils**TDK Series Name : **SPM Series**Application : **No Data Available.**Function : **No Data Available.**Description : **No Data Available.**[Submit Sample Request](#)[Check Distributor Inventory](#)[Calculate Core Loss](#)[Print Page](#)SPM6530 TYPE
APPEARANCE PHOTOGRAPH

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Application	Catalog	SEAT	CCV	TVCL	Tech Notes
Property Name	Property Description				
Product Lifecycle Stage	Production				
Part Number Replacement	<i>No Data Available.</i>				
Lead (Pb) Free	Yes				
Surface Mount	Yes				
Construction Type	wire wound type				
Mounting	SMD				
Body Length (L)	Nom 7.1 mm				
Body Width (W)	Nom 6.5 mm				
Body Height (T)	Max 3 mm				
Inductance	Nom 1.5 μ H				
Inductance Tolerance (%)	Min -20 %				
	Max 20 %				
Frequency of Inductance	Nom 100 kHz				
Q	Min <i>No Data Available.</i>				
Frequency of Q	Nom <i>No Data Available.</i>				
Self Resonant Frequency	Min <i>No Data Available.</i>				
D.C. Resistance	Nom 0.0097 Ohm				
D.C. Resistance	Max 0.01067 Ohm				
Rated Current	Max 8.6 A				
Terminal Material	Copper/Sn plating				
Polarity Marking	No				
Magnetic Shielding	Yes				
Soldering Method	Reflow, Iron Soldering				
Measuring Equipment(Q)	<i>No Data Available.</i>				
Category Temperature Range	Min -40 Cel				
	Max 125 Cel				
Storage Temperature Range	Min -40 Cel				
	Max 85 Cel				
Country of Origin	JPN, TWN				
Packing	Blister (Plastic)Taping [330mm Reel]				
Minimum Package Qty	Nom 1000 Pcs				
Minimum Order Qty	Nom 1000 Pcs				
Weight	Nom 0.67 g				

Disclaimer: This information is to be used for reference purposes only and is subject to change by TDK without notice. It reflects an overview of the product characteristics/performance for the particular part number. For product specification information, please refer to TDK's general product specification. Please note that this standard part is not designed or warranted to meet any specifications of any intermediate or end user different from or in addition to the specifications set forth in TDK's general product specification. Note also that this standard part has not been specially designed or manufactured for, nor is it intended or warranted for use in , or permitted to be resold for, specialized applications such as aviation, medical, and/or governmental/military applications (collectively, "Excluded Applications").