

Inductors (Coils)

Inductor Coils

Part Number :	SPT0508A - 681KR24 - PF
Product Name :	Wire Wound Inductor for Power Line
TDK Series Name :	SP Series
Application :	No Data Available.
Function :	No Data Available.
Description :	No Data Available.
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**SP0508 TYPE
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Property Name	Property Description
Product Lifecycle Stage	Production
Part Number Replacement	<i>No Data Available.</i>
Lead (Pb) Free	Yes
Surface Mount	No
Construction Type	wire wound type
Mounting	Axial - Lead
Body Length (L)	Nom <i>No Data Available.</i>
Body Width (W)	Nom <i>No Data Available.</i>
Body Height (T)	Max <i>No Data Available.</i>
Inductance	Nom 680 μ H
Inductance Tolerance (%)	Min -10 % Max 10 %
Frequency of Inductance	Nom 0.796 MHz
Q	Min 15
Frequency of Q	Nom 0.796 MHz
Self Resonant Frequency	Min <i>No Data Available.</i>
D.C. Resistance	Nom <i>No Data Available.</i>
D.C. Resistance	Max 4 Ohm
Rated Current	Max 0.24 A
Terminal Material	Copper/Lead - Tin
Polarity Marking	No
Magnetic Shielding	No
Soldering Method	Flow, Iron Soldering
Measuring Equipment(Q)	YHP4340A Q - METER(TF - A terminal)
Category Temperature Range	Min -40 Cel Max 85 Cel
Storage Temperature Range	Min -40 Cel Max 85 Cel
Country of Origin	JPN, CHN
Packing	Axial Taping Ammo Pack(Inside tape spacing:52mm)
Minimum Package Qty	Nom 1000 Pcs
Minimum Order Qty	Nom 1000 Pcs
Weight	Nom 0.525 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").