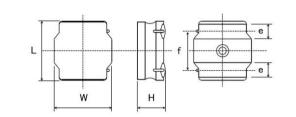
NTEC-1056-0

Spec Sheet

Wire-wound Metal Power Inductors MCOIL™ LSDP series for General Electronic Equipment

LSDPD4040WKT100MM



Products characteristics table

Inductance	10 uH±20%
Case Size(mm)	4.0x4.0
Rated Current(max)	2.0 A
Saturation Current(max)	2.0 A
Saturation Current(typ)	2.8 A
Temp. Rise Current(max)	2.0 A
Temp. Rise Current(typ)	2.2 A
DC Resistance(max)	172 mΩ
DC Resistance(typ)	150 mΩ
LQ Measuring Frequency	1MHz
Operating Temp. Range	-40 to +125°C
(Including-self-generated heat)	
Temperature characteristic	±10%
(Inductance change)	
RoHS Compliance(10 subst.)	Yes
REACH Compliance(223 subst.)	Yes
Halogen Free	Yes
Soldering	Reflow

External Dimensions

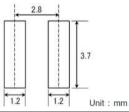
Taping Embossed 700pcs

Features Item Summary

External Dime	External Dimensions		
Dimension L	4.0 ± 0.2 mm		
Dimension W	4.0 ± 0.2 mm		
Dimension H	Max 2.0 mm		
Dimension e	1.2 ± 0.2mm		
Dimension f	2.5 ± 0.2mm		

10uH ±20%, 2.0A, 4.0x4.0x2.0mm Standard packing quantity(minimum)

Recommended Land Patterns



[Recommended Land Pattern]

Surface Mounting

•Mounting and soldering conditions should be checked beforehand.

Applicable soldering process to these products is reflow soldering only.

The data is reference only. Electrical characteristics vary depending on environment or measurement condition. TAIYO YUDEN reserves the right to make change to the data at any time without notice. Before making final selection, please check product specification.

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