



**NIC Components Corp.**

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**Individual Specification - NPIM42PAR56MTRQYF**

Product Specifications	
Part Number	NPIM42PAR56MTRQYF
Product Series	NPIM42PA
Series Description	Metal Composite, High Current AECQ200
Construction Type	Shielded Coil, For Power Designs
Operating Range (Including Temp. Rise)	-55°C ~ 125°C
Inductance (@ 100Khz)	560nH ± 20%
DCR	16mOhm
Isat	10A
Irms	7.3A
Current Inductance Drop	-30%
Current Temp Rise	+40degC

Dimensions (mm)	
A	4.45 ± 0.25
B	4.06 ± 0.25
C	1.8 ± 0.2
D	0.76 ± 0.30
E	2.0 ± 0.20

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For additional information please contact NIC TPMG, tpmg@niccomp.com