



Characteristic:

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|-----------------------------|------------------------------|
| (1) Type:- | Surface Mount |
| (2) Operating Temperature:- | -25°C ~ +80°C |
| (3) Inductance Tolerance:- | +/-2%, +/-5%, +/-10%, +/-20% |
| (4) Inductance Range:- | 3.3nH ~ 4700nH |
| (5) Storage Temperature:- | -55-C ~ +85°C |
| (6) Material:- | Ceramic wire-wound core |

Application:-

Pager / Cordless phone / Communication Product & High Frequency.
 Wire wound chip had been design expecially for the need of today's high frequency designer.
 Their ceramic construction delivers highest possible SRF as well as good "Q" values.
 The non-magnetic coil form also assure the utmost in thermal stability.

Product Identification:-



- (1) Advanced Magnetic
- (2) WC1008 / WC0805 = SERIES
- (3) Inductance Values.
- (4) Tolerances (1% , 2% , 5% , 10% , 20%)



WIRE WOUND CHIP INDUCTORS

PACKAGING AND SPECIFICATION

PART NUMBER	DEMENSION
AMWC1008	

A=180mm
B=58+/-0.5mm
C=13+/-0.5mm
D=10mm
E=8.0+/-0.2mm
F=3.30mm
G=4.00+/-0.10mm
H=1.00+/-0.10mm
J=1.50+/-0.1mm
K=4.00+/-0.10mm
L=2.00+/-0.05mm
M=3.50+/-0.05mm
P=1.75+/-0.10mm
Q=3.60mm
T=3.30+/-0.05mm
S=2.30+/-0.05mm
W=2.90mm

PART NUMBER	DEMENSION
AMWC0805	

A=180mm
B=58+/-0.5mm
C=13+/-0.5mm
D=10mm
E=8.0+/-0.2mm
F=2.45mm
G=4.00+/-0.10mm
H=1.00+/-0.10mm
J=1.50+/-0.1mm
K=4.00+/-0.10mm
L=2.00+/-0.05mm
M=3.50+/-0.05mm
P=1.75+/-0.10mm
Q=2.90mm
T=2.70+/-0.10mm
S=1.50+/-0.10mm
W=2.90mm

CONFIGURATION & DIMENSION:

AMWC1008 SERIES	AMWC0805SERIES
A=0.110" / 2.79mm	A=0.070" / 1.78mm
B=0.115" / 2.92mm	B=0.095" / 2.41mm
C=0.090" / 2.29mm	C=0.070" / 1.78mm
D=0.080" / 2.03mm	D=0.050" / 1.27mm
E=0.020" / 0.51mm	E=0.020" / 0.51mm
F=0.059" / 1.50mm	F=0.040" / 1.02mm
G=0.020" / 0.51mm	G=0.020" / 0.51mm

