



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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FEATURES



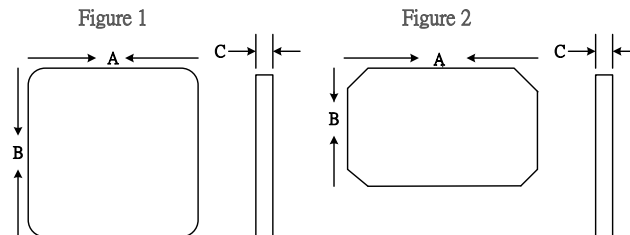
- Ferrite materials are Wireless Power Consortium(WPC) listed, recommended & certified for interoperability test
- Optimized for highest charging efficiency
- Precise dimension control and automotive grade available
- -40°C to 125°C operating temperature
- Available in wide range of size selection, custom shapes are also available

APPLICATIONS

- Wireless charger for general consumer electronics, transmitter(TX) or receiver(RX)
- Aftermarket charging pads
- Wireless charger for Office, Residential, and Public Area applications
- Wireless charger embedded solution for automobile central console, arm-rest...ect.
- Power tools or any industrial devices that need power transmission without metallic contact

DIMENSIONS

PART NUMBER	A mm (inches)	B mm (inches)	C mm (inches)	Fig #
MP1040-3M0	26.42 (1.040)	26.42 (1.040)	2.25 (0.089)	1
MP1496-0M0	38.00 (1.496)	38.00 (1.496)	2.00 (0.079)	1
MP2106-0M0	53.00 (2.087)	53.00 (2.087)	2.50 (0.099)	1
MP2126-0M0	53.80 (2.118)	53.80 (2.118)	1.10 (0.043)	1
MP2170-1M0	47.20 (1.858)	55.20 (2.173)	2.50 (0.099)	1
MP3940-0M0	100.00 (3.937)	56.00 (2.205)	1.10 (0.043)	1
33P2098-0M0	53.30 (2.099)	53.30 (2.099)	2.50 (0.099)	1
33P3839-0M0	97.50 (3.839)	50.00 (1.969)	1.10 (0.043)	2



USA: +1.423.308.1690
Europe: +42.0.4885.7511.1
Asia: +86.757.2563.8860

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PART NUMBER SYSTEM EXAMPLE

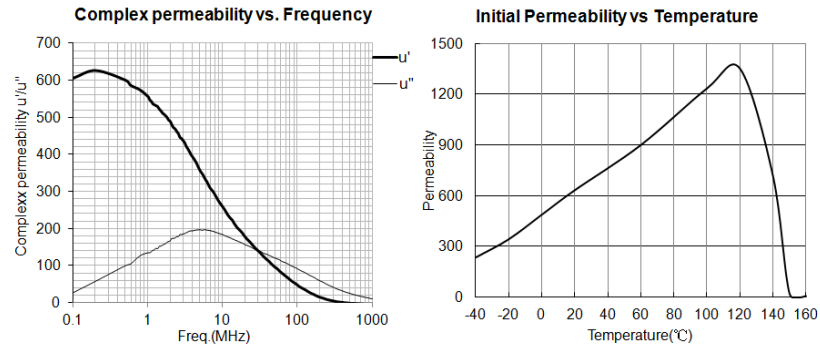
<u>33</u>	<u>P</u>	<u>2098</u>	-	<u>0M0</u>
M-28 Material	Plate	Part Size Code		Thickness Code
33-33 Material				Catalog or Custom Information

MATERIAL SPECIFICATIONS

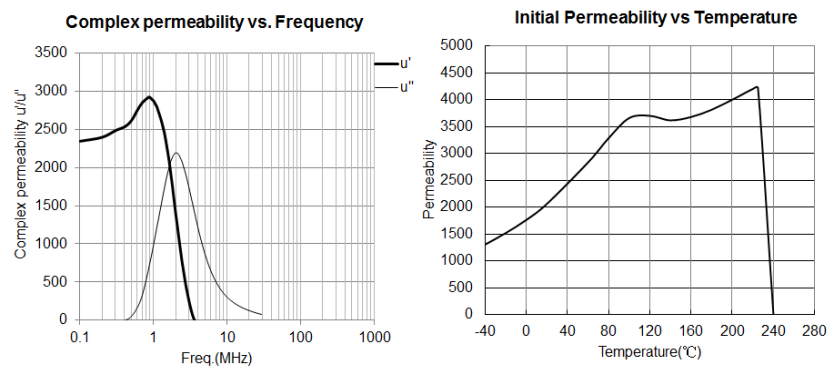
Property	Symbol	Unit	28 Material (WPC Listed)	33 Material
Initial Permeability	μ_i		650	2300
Flux Density	B	mT [Gauss]	280 [2800]	390 [3900]
@ Field Strength	H	A/m [Oe]	800 [10]	800 [10]
Residual Field Strength	B_r	mT [Gauss]	130 [1300]	55 [550]
Coercive Strength	H_c	A/m [Oe]	32 [0.4]	9 [0.1]
Loss Factor @ Frequency	$\tan \delta / \mu_i$	f	10 ⁻⁶	6
			MHz	0.1
Curie Temperature	T_c	°C	> 140	> 200
Resistivity	ρ	Ω -cm	10 ⁵	5x10 ²

TYPICAL ELECTRICAL CHARACTERISTICS

28 MATERIAL



33 MATERIAL



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