

### BOARD-LEVEL PRODUCTS

#### HI2220P601R-10 (PART NUMBER EXAMPLE IN BOLD)

HI	2220	P	601	R	-10
Product Series Code	Part Size Code	Rated Continuous Current Code	Impedance ( Z ) or Inductance ( L ) Value Code	Packaging Code	Additional Description
<b>HI</b> = High Current Chip Beads ( $\geq 3,000$ mA)	0201	<b>A</b> $\leq 100$ mA	First two numbers are Significant Digits. The last number indicates how many zeros are added to the significant digits for impedance.	<b>B</b> = Bulk Standard Thru-Hole Packaging	<b>00</b> = Legacy Part Contains Lead
<b>MI</b> = Mid Current Chip Beads ( $\geq 1,000$ mA to $< 3,000$ mA)	0402	<b>B</b> = 200 mA			<b>-10</b> = Lead Free Standard Catalog Part
<b>LI</b> = Low Current Chip Beads ( $< 1,000$ mA, $< 400$ $\Omega$ Z)	0603	<b>C</b> = 300 mA			<b>-11 to -99</b> = Non Standard or Custom Part
<b>HZ</b> = High Impedance Chip Beads ( $< 1,000$ mA, $\geq 400$ $\Omega$ Z)	0805	<b>D</b> = 400 mA			
<b>HF</b> = High Frequency Chip Beads	1206	<b>E</b> = 500 mA	Impedance Examples		
<b>LF</b> = Low Frequency Chip Beads	1210	<b>F</b> = 600 mA			
<b>HR</b> = High Bias Retention Chip Beads ( $> 3,000$ mA)	1612	<b>G</b> = 700 mA			
<b>CC</b> = CAN-Bus Common Mode	1806	<b>H</b> = 800 mA			
<b>CM</b> = Common Mode	1812	<b>I</b> = 900 mA			
<b>DI</b> = Power Inductor	1922	<b>J</b> = 1,000 mA			
<b>DA</b> = Multiline Array Chip	2021	<b>K</b> = 1,500 mA			
<b>IC</b> = Chip Inductor	<b>2220</b>	<b>L</b> = 2,000 mA			
	2520	<b>M</b> = 2,500 mA			
	2545	<b>N</b> = 3,000 mA			
	2722	<b>O</b> = 3,500 mA			
	3032	<b>P</b> = <b>4,000</b> mA			
	3312	<b>Q</b> = 4,500 mA			
	3322	<b>R</b> = 5,000 mA	Inductance Examples		
	3421	<b>S</b> = 5,500 mA			
	3822	<b>T</b> = 6,000 mA			
	4545	<b>U</b> = 7,000 mA			
	4732	<b>V</b> = 8,000 mA			
	5022	<b>W</b> = 9,000 mA			
	5441	<b>X</b> = 10,000 mA			
	6032	<b>Y</b> = 15,000 mA			
		<b>Z</b> $\geq 20,000$ mA	<b>470</b> = 47 nH <b>471</b> = 470 nH <b>472</b> = 4,700 nH <b>473</b> = 47,000 nH <b>474</b> = 470,000 nH <b>475</b> = 4,700,000 nH		

#### 29F0818-1SR-10 (PART NUMBER EXAMPLE IN BOLD)

29	F	0818	-1	S	R	-10
Material Type	Product Type Code	Part Size Code	Minor Dimension Code	Board Mounting Style	Packaging Code	Additional Part Description
<b>28 &amp; 29</b> = Broad Band Material	<b>C</b> = Choke <b>L</b> = Axial Leaded Bead	Unique Part Identifier or Significant Dimension	Height or Length Variation	<b>S</b> = Surface Mount <b>T</b> = Thru-Hole	<b>O</b> = Bulk Standard <b>R</b> = Tape & Reel Standard SMT Package	<b>-10</b> = Lead Free Standard Catalog Part
<b>35</b> = Low Frequency Material	<b>F</b> = Assembled Part <b>J</b> = Radial Leaded Bead					<b>-11 to -99</b> = Non Standard or Custom Part

### FERRITE CABLE CORE PRODUCTS

28B0250-100 (PART NUMBER EXAMPLE IN BOLD)

28	B	0250	-1	0	0
Material Type	Product Type Code	Part Size Code	Selected Dimension Code	Additional Part Description	Additional Part Description
28 = Broad Band Material	A = Split round cores (Snap-Ons)	28 material is usually measured in inches for OD.	Usually Length	0 = Standard Part "A" Product Type Code A = Plastic Case B = Plastic Case	0 = Standard Part "A" Product Type Code 0 = White Case 2 = Black Case
HF = High Frequency Material	B = Round Cylindrical Cores	HF & LF Material OD & ID is usually measured in mm.		"S" Product Type Code 0 = No Clip M = Metal Clip P = Plastic Clip A = Hinged Plastic Case	
LF = Low Frequency Material	R = Ribbon Cable Cores S = Split Ribbon Cores				

### TRANSFORMER AND FILTER CORE PRODUCTS

35T0100-00P (PART NUMBER EXAMPLE IN BOLD)

35	T	0100	-0	0	P
Material Type	Part Geometry	Part Size Code	Selected Dimension Code	Additional Part Description	Part Coating
25 = 125 perm	N = Balun T = Toroid	Product Type "T": O.D. in inches Product Type "N": Width in inches	Usually Height	0 = Standard Part Anything else indicated a custom item	0 = Uncoated P = Parylene Coating H = Epoxy Coating
29 = 600 perm					
28 = 850 perm					
38 = 1700 perm					
33 = 2700 perm					
46 = 4000 perm					
36 = 4500 perm					
35 = 5000 perm					
56 = 5500 perm					
39 = 7000 perm					
42 = 7500 perm					
40 = 10000 perm					