

### 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 (≥3,000 mA) <b>MI</b> = Mid Current Chip Beads (≥1,000 mA to <3,000 mA) <b>LI</b> = Low Current Chip Beads (<1,000 mA, <400 Ω Z) <b>HZ</b> = High Impedance Chip Beads (<1,000 mA, ≥400 Ω Z) <b>HF</b> = High Frequency Chip Beads <b>LF</b> = Low Frequency Chip Beads <b>HR</b> = High Bias Retention Chip Beads (>3,000 mA) <b>CC</b> = CAN-Bus Common Mode <b>CM</b> = Common Mode <b>DI</b> = Power Inductor <b>DA</b> = Multiline Array Chip <b>IC</b> = Chip Inductor	0201 0402 0603 0805 1206 1210 1612 1806 1812 1922 2021 <b>2220</b> 2520 2545 2722 3032 3312 3322 3421 3822 4545 4732 5022 5441 6032	A ≤ 100 mA B = 200 mA C = 300 mA D = 400 mA E = 500 mA F = 600 mA G = 700 mA H = 800 mA I = 900 mA J = 1,000 mA K = 1,500 mA L = 2,000 mA M = 2,500 mA N = 3,000 mA O = 3,500 mA <b>P = 4,000 mA</b> Q = 4,500 mA R = 5,000 mA S = 5,500 mA T = 6,000 mA U = 7,000 mA V = 8,000 mA W = 9,000 mA X = 10,000 mA Y = 15,000 mA Z ≥ 20,000 mA	First two numbers are Significant Digits. The last number indicates how many zeros are added to the significant digits for impedance.  Impedance Examples 100 = 10 ohms 101 = 100 ohms 102 = 1,000 ohms 202 = 2,000 ohms 060 = 6 ohms 600 = 60 ohms <b>601 = 600 ohms</b>  Inductance Examples 470 = 47 nH 471 = 470 nH 472 = 4,700 nH 473 = 47,000 nH 474 = 470,000 nH 475 = 4,700,000 nH	B = Bulk Standard Thru-Hole Packaging  <b>R = Tape &amp; Reel</b> Standard SMT Package	00 = Legacy Part Contains Lead  <b>-10 = Lead Free Standard Catalog Part</b>  -11 to -99 = Non Standard or Custom Part

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 = Broad Band Material</b>  <b>35</b> = Low Frequency Material	C = Choke L = Axial Ledged Bead <b>F = Assembled Part</b> J = Radial Ledged Bead	Unique Part Identifier or Significant Dimension	Height or Length Variation	<b>S = Surface Mount</b> T = Thru-Hole	O = Bulk Standard  <b>R = Tape &amp; Reel</b> Standard SMT Package	<b>-10 = Lead Free Standard Catalog Part</b>  -11 to -99 = Non Standard or Custom Part

# FERRITE EMI SOLUTIONS

## PART NUMBER NOMENCLATURE

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

### 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
<b>25</b> = 125 perm <b>29</b> = 600 perm <b>28</b> = 850 perm <b>38</b> = 1700 perm <b>33</b> = 2700 perm <b>46</b> = 4000 perm <b>36</b> = 4500 perm <b>35 = 5000 perm</b> <b>56</b> = 5500 perm <b>39</b> = 7000 perm <b>42</b> = 7500 perm <b>40</b> = 10000 perm	<b>N</b> = Balun  <b>T</b> = Toroid	<b>Product Type "T":</b> O.D. in inches  <b>Product Type "N":</b> Width in inches	Usually Height	<b>0 = Standard Part</b>  Anything else indicated a custom item	<b>0</b> = Uncoated  <b>P = Parylene Coating</b>  <b>H</b> = Epoxy Coating