

Steward Part Number Nomenclature

PRODUCT PART NUMBER SYSTEM FOR MULTI-LAYER / SURFACE MOUNT PRODUCTS

Part Number Example: HI2220P601R-00

HI	2220	P	601	R	- 00
Product Series Code	Part Size Code	Rated Current Code	Impedance (Z) or Inductance (L) Value Code	Packaging Code	Additional Description
LI = Low Current (>1000 mA) MI = Mid Current (<1000 mA <3000 mA) HI = High Current (>3000 mA) HZ = High Impedance (>400 ohms imp.) CM = Common Mode DM = Differential Mode DI = Power Inductor DA = Multiline Array Chip IC = Chip Inductor IH = High Frequency Chip Inductor	0402 0603 0805 1206 1210 1612 1806 1812 1922 2220 3312 3322	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 = 1000 mA K = 1500 mA L = 2000 mA M = 2500 mA N = 3000 mA O = 3500 mA P = 4000 mA Q = 4500 mA R = 5000 mA S = 5500 mA T = 6000 mA U = 7000 mA V = 8000 mA W = 9000 mA X = 10000 mA Y = 15000 mA Z = >20000 mA	First two Numbers are Significant Digits. The Last Number Indicates how many Zeros are added to the Significant Digits for either Impedance or Inductance. Examples: 100 = 10 OHMS / nH 101 = 100 OHMS / nH 102 = 1000 OHMS / nH 060 = 6 OHMS / nH 600 = 60 OHMS / nH 601 = 600 OHMS / nH Fractional Values are defined with a D Examples: 1D5 = 1.5 nH 2D7 = 2.7 nH 8D2 = 8.2 nH	B = Bulk Standard Thru-Hole Packaging R = Tape & Reel Standard SMT Package	-00 = Standard Catalog Part -01 to -99 = Non Standard or Custom Part Examples: Special Material Special Packaging Custom Specs etc.

Steward Part Number Nomenclature

PRODUCT PART NUMBER SYSTEM FOR FERRITE CORES / ASSEMBLED PRODUCTS

Part Number Example: 28C0236-0B W

28	C	0236	- 0	B	W
Material Type	Product Type Code	Part Size Code	Selected Dimension Code (usually height)	Additional Part Description	Packaging or Finish Code
25	A - Split Round Cable Core ASSE	Unique Part Identifier or Significant Dimension	0 - 9 Part Variation	0 - Part Variation	0 - Standard catalog part
28	B - Bead / Sleeve or Cable Core			A - Core with Snap-on plastic case	0 - White plastic case 2 - Black plastic case
29	C - Choke			B - 2 1/2 turns of wire	G - Epoxy coated 0.0015" thick (.03 mm) N - Non-static tape
	D - Connector Application				
35	F - Assembled part			J - 3 turns of wire with plastic base or spacer	P - Parylene coated 0.0005" thick (.03 mm)
37	J - Radial Leaded Bead			M - Metal End Clip for split cores	R - Anti-static tape and reeled
	L - Axial Leaded Bead			P - Plastic End Clip for split cores	S - 24 AWG, preformed
40	M - Disk	S - Surface mount application	W - 24 AWG TCW		
	N - Balun Core	T - Through hole mount application			
M = < 200 MHz	P - Plate				
H = > 200 MHz	R - Solid Ribbon Cable Core				
	S - Split Ribbon Cable Core				
	T - Toroid Core*				

*A small selection of toroids is included in this catalog. Please refer to Steward's separate Toroid Catalog for an extensive list of toroid sizes and ferrite materials.