

Part Identification

Part Numbers

Steward's part numbers use a ten character alphanumeric nomenclature providing:

- The material designation
- The product type (shape)
- A basic size description
- A parts modifier series

Example:

35T0155-01P is a 5000 permeability toroid 0.155" (3.94 mm) in diameter and 0.100" (2.54 mm) thick with Parylene coating

Basic Part Number - Parts Modifier Series

35 T 0155 - 0 1 P

Material Designator: 35
 Product Type: T
 Basic Size Descriptor (mils): 0155
 Part thickness (Standard): 0
 Custom Specification: 1
 Parylene Coating: P

Material Designator 35 _____ - _____

A two digit material designator is assigned to materials on the basis of initial permeability.

Material	Initial Permeability
21	16
25	125
26	850
28	850
24	1050
27	1500
38	1700
33	2700
34	4000
31	4500
36	5000
35	5000
37	7500
42	7500
40	10000

Product Types 35 T _____ - _____

Steward's Transformer and Filter Core Division uses four basic shape designators:

T for toroidal cores

Example: 35T0155-01P

N for balun and some non-toroidal shapes

Example: 35N0155-01P

M for miscellaneous non-standard shapes

Example: 35M0155-01P

E for E-Cores

Example: 40E0207-010

Basic Size Description 35 T 0155 - _____

The four digits following the product description provide the largest dimension of the part in thousandths of an inch. For toroids and similar shapes, it usually describes the outside or major diameter of the core. For other types of parts, it is the largest dimension specified in the part's description.

Parts Modifier Series 35 T 0155 - 01P

The first of the three digits following the dash refers to the part thickness. A zero through nine digit refers to variations in thickness from the same tool. The second modifying digit relates to a custom requirement (electrical testing or physical specification). The third digit or letter describes a coating or finish.

Coating Designations

P — Parylene

Hi-Pot Rating 1000 VAC minimum
Nominal Thickness: 0.5 mils

Q — Parylene

Hi-Pot Rating 1500 VAC minimum
Nominal Thickness: 1.0 mils

G — Epoxy

Hi-Pot Rating 500 VAC minimum
Nominal Thickness: 1.5 mils

H — Epoxy

Hi-Pot Rating 1000 VAC minimum
Nominal Thickness: 3.0 mils

0 — No coating

Please consult Steward's EMI catalog for other products.