

TSC Ferrite International

FERRITE PART NUMBERING SYSTEM

Our material grade names have been chosen to make them meaningful to our customers.

These meaningful grade names, like the meaningful dimensional portion of our part numbering system, are meant to help our customers identify important characteristics of our parts by the part number alone.

TSF-50ALL
Temperature of low core loss (<room to >100°C)
Core loss at 100KHz, 1000 gauss (50 mw/cm³)

TSF-5099
Temperature of minimum core loss (100°C)
Core loss at 100KHz, 1000 gauss (50 mw/cm³)

TSF-7099
Temperature of minimum core loss (100°C)
Core loss at 100KHz, 1000 gauss (70 mw/cm³)

TSF-7070
Temperature of minimum core loss (70°C)
Core loss at 100KHz, 1000 gauss (70 mw/cm³)

TSF-8040
Temperature of minimum core loss (40°C)
Core loss at 100KHz, 1000 gauss (80 mw/cm³)

TSF-5000
5,000 permeability

TSF-010K
10,000 permeability

E CORES TSF-5099-25-10-06-0000
Gap code (-0000 for ungapped)
Nominal thickness of core (F dimension) in rounded mm
Overall leg length of one core (B dimension) in rounded mm
Back length (A dimension) in rounded mm
Core material (TSF-5099)

POT CORES TSF-8040-14-08-00-0000
Gap code (-0000 for ungapped)
Nominal pair height (2 x B dimension) in rounded mm
Nominal outside diameter (A dimension) in rounded mm
Core material (TSF-8040)

TOROIDS TSF-5000-10-05-03-0000
Coating code (-0000 for uncoated)
Height of core (C dimension) in rounded mm
Inside diameter (B dimension) in rounded mm
Outside diameter (A dimension) in rounded mm
Core material (TSF-5000)