



## MAGNETS, FERRITES & CORES COILS & TRANSFORMERS

sales@seoul-international.co.kr [www.seoul-international.com](http://www.seoul-international.com)

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**Note: Please scroll down for more information & products (this pdf file contains THREE pages).**



**We are suppliers of:** Technical ceramics (magnetic and advanced materials) and powdered iron cores

**Products/Applications:** Our products & applications are as follows:

**Ferrites/Powdered Iron:** short and medium wave antennas, filters, differential/common mode and output chokes, high frequency noise suppression/shielding(EMI/RFI), inductors, small signal transformers (i.e. broadband, matching, pulse and isolation), magnetic power circuits, high frequency welding, rotary transformers, accelerator cores, pulse shapers, thin film substrates and recording heads.

**Magnets:** sensing (i.e. reed switch activators), holding (i.e. 'chip' collectors), torque coupling, electron beam deflection, microwave biasing, and D.C. motor fields (i.e. 'Stepper' rotors).

**Microwave Absorbers:** waveguide insert loads and terminating elements, attenuators, RF shields

**Custom Powders:** radar absorption, multi-layer chip inductors

**Industries Served:** Telecommunications, CATV, Automotive, Aerospace, Computer, Medical, Consumer Electronics, Scientific (i.e. National Labs) and General Industry

**Quality:** Our supplier's quality system adheres to the guidelines of ISO/TS 16949 (& AS9100):2002 and is geared to provide continuous improvement towards defect prevention, variation reduction and customer satisfaction. We are working towards certification.



### Materials we offer

**Ferrite:** NiZn, MnZn, Non-Magnetic

**Magnet:** Neodymium iron boron (sintered & bonded), Samarium Cobalt, Alinco, Rubber/Plastic

**Garnets:** Yttrium (narrow line width), Yttrium cobalt doped, Calcium, vanadium doped, Aluminum doped, Gadolinium Doped, Gadolinium and Aluminum doped, Holmium doped

**Ferrites:** Nickel, Magnesium & Lithium.

### Shapes we offer

**Toroid's** (0.052 to 9.5 inches diameter) and Squaroids, Balun / Multi-hole Cores, Beads (EMI) / Sleeves (thin wall), Beads (EMI): Split & Other, Slugs, Rods / Tubes & Impeders / Strips, Coil Forms

**Threaded Cores** (Note: call for available sizes), Plates / Tiles, Blocks / Rounds / Substrates, Custom Shapes (i.e. U/E/POT/etc.)

**Magnets** Rings, Discs, Slugs, Squares, Rectangles and custom shapes



**Please Note:** Detailed Specifications, Data Sheets and Application Notes are available on request.



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Seoul International Co., can supply the small transformers, as small as 0.5VA up to about 2000VA, each transformer is individually tested to ensure prolonged operating lifetime and fully accepted in both local and export markets.



### QUALITY PRODUCTS WITH A PROFESSIONAL LOOK!

One of our specialties is the PCB-Mounting series, of which there are some variants. These are characterized by having a highly flexible output that can be configured in a variety of ways, some allowing as many as 45 ways of connecting the output. In this way only a handful of types can cover a vast range of requirements.

### WE OFFER FOLLOWING PRODUCTS WITH SOME VARIATIONS

PCB or Chassis Mount – 4, 8, 12, 16 & 45 output formats in one unit



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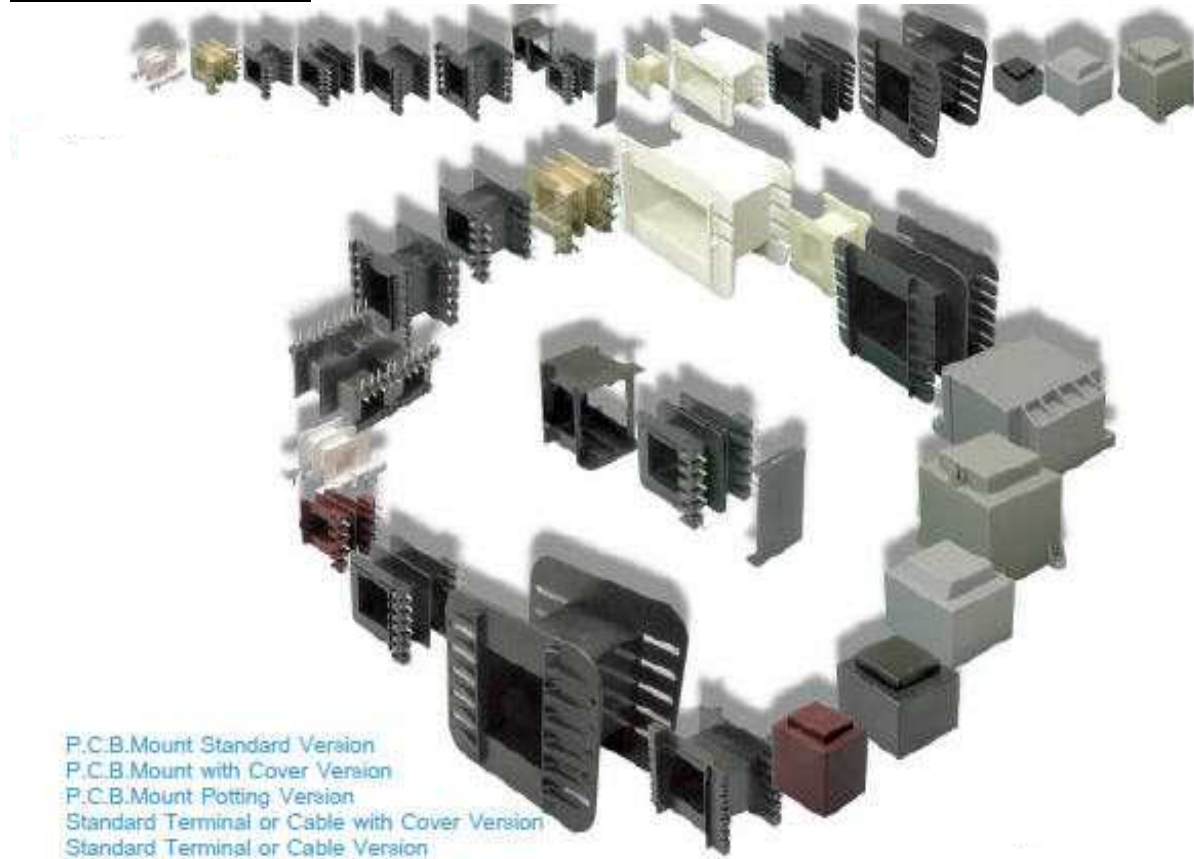


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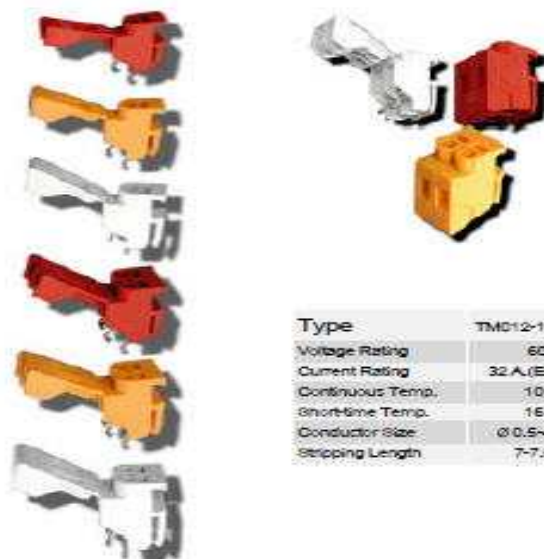
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## Custom Products Data



P.C.B.Mount Standard Version  
P.C.B.Mount with Cover Version  
P.C.B.Mount Potting Version  
Standard Terminal or Cable with Cover Version  
Standard Terminal or Cable Version

## Transformer Terminals



Type	TM012-1 / TM012-2
Voltage Rating	600 V.
Current Rating	32 A. (EN61 558)
Continuous Temp.	100 °C
Short-time Temp.	150 °C
Conductor Size	Ø 0.5-4.0 mm.
Stripping Length	7-7.5 mm.

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