I. Company Name
All Bourns® Magnetics products acquired from Transtek Magnetics start with a “TM” designator indicating that this part number is for a product acquired from Transtek Magnetics.

II. Product Catalog Designator
This tag is used to identify product categories.
- TM-D-Y-ZZZZ-L-W: Drum Core Inductors
- TM-S-Y-ZZZZ-L-W: Switch Power Products
- TM-O-Y-ZZZZ-L-W: Other XF

III. Catalog Internal Designator
This designator is used to differentiate products within each category.
- Drum Core Inductors (D):
  - TM-D-1-ZZZZ-L-W: Drum Core Inductors (SMD)
  - TM-D-3-ZZZZ-L-W: Drum Core Inductors (T-H)
  - TM-D-9-ZZZZ-L-W: Other
- Switch Power Products (S):
  - TM-S-1-ZZZZ-L-W: Line Filter
  - TM-S-2-ZZZZ-L-W: Gate Drive
  - TM-S-3-ZZZZ-L-W: Current Sensor
  - TM-S-4-ZZZZ-L-W: Inverter
  - TM-S-5-ZZZZ-L-W: Power Inductor
  - TM-S-6-ZZZZ-L-W: Power Main Transformer
  - TM-S-7-ZZZZ-L-W: Power Coil
  - TM-S-8-ZZZZ-L-W: Common Mode Choke
  - TM-S-9-ZZZZ-L-W: Backlight Transformer
  - TM-S-0-ZZZZ-L-W: Other
- Telecom Products (T):
  - TM-T-1-ZZZZ-L-W: Audio Transformer
  - TM-T-2-ZZZZ-L-W: Analog Modem Coupling Transformer
  - TM-T-3-ZZZZ-L-W: ISDN U/S/T Interface Transformer
  - TM-T-5-ZZZZ-L-W: TI/CEPT/ISDN-PRI Transformer
  - TM-T-6-ZZZZ-L-W: HDSL/HDSL2 Transformer
  - TM-T-7-ZZZZ-L-W: ADSL/SDSL/VDSL Transformer
  - TM-T-8-ZZZZ-L-W: Other

IV. Part Series Designator
This tag is used to identify a specific part number and design within a specified category.

V. Manufacturing Location
TM-X-Y-ZZZZ-C-W: Dongguan, China

VI. Product Style
This tag is used to describe the product’s design style.
- TM-X-Y-ZZZZ-L-S: SMD
- TM-X-Y-ZZZZ-L-F: Flying Lead

Example:
- TM-T-7-0158-C-S
  - Bourns TM Magnetics
  - Telecom VDSL Transformer
  - Catalog Internal
  - Product #0158
  - Manufactured in China
  - Surface Mount
# Bourns® Magnetics Date Code System for Acquired Transtek Magnetics Products

<table>
<thead>
<tr>
<th>TMXXXXXXX — Part number</th>
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<tbody>
<tr>
<td>YY — Year</td>
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<tr>
<td><strong>Year</strong></td>
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<tr>
<td><strong>Code</strong></td>
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<td><strong>Month</strong></td>
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<td><strong>Code</strong></td>
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<table>
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<th>D — Date</th>
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<td><strong>Date</strong></td>
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<td><strong>Code</strong></td>
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<th>ZU — Line</th>
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<td><strong>Sample Team:</strong> EN</td>
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<tr>
<td><strong>Subcontractor:</strong> W1, W2 ... WA, WB ... WZ</td>
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<td><strong>D:</strong> Day</td>
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<tr>
<td><strong>N:</strong> Night</td>
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</table>

<table>
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<tr>
<th>R — Approval Sheet Version</th>
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<tbody>
<tr>
<td><strong>Revision:</strong> A – Z</td>
</tr>
</tbody>
</table>

Example:

```
TMXXXXXXXX
YY M D ZU L R
16 A 20 01 N C
```

```
Year: 2016
Month: October
Date: 20
Site 01
Night Shift
Revision C
```