
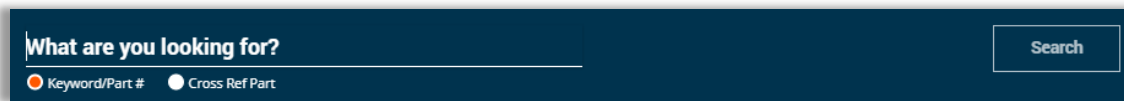


Technical Note TN007 - Instant Access to Life Cycle and Obsolete Product Data Online for TT Electronics Resistors

Introduction

TT Electronics is committed to supporting our customers in managing obsolescence throughout the lifetime of their products. To this end, life cycle data is given on all parts, and basic data and datasheets for obsolete parts are retained indefinitely. This information may be accessed from the information page for individual product types, which is reached by one of two methods:

1. Entering partial part numbers or keywords in the search box at <https://www.ttelectronics.com> or by clicking on  (top right on all pages). This search method will include any relevant obsolete products in the results.



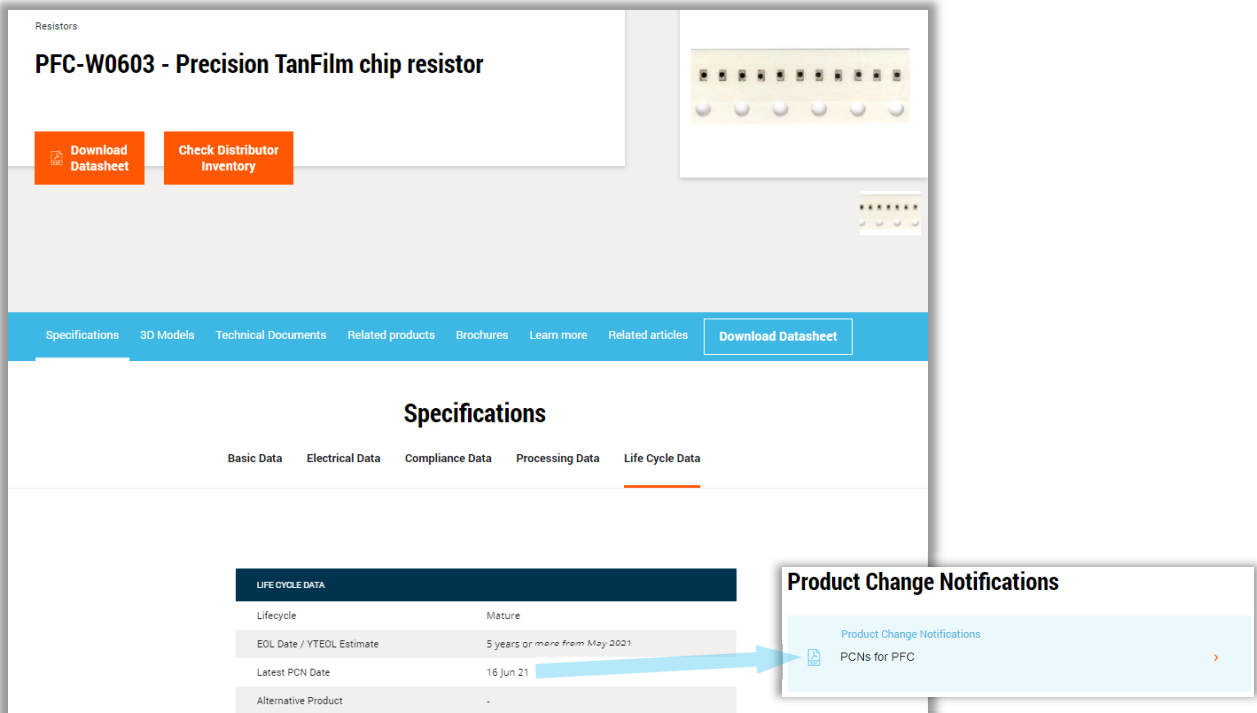
2. Entering parameters and selecting filter settings on the resistors product search page at <https://www.ttelectronics.com/products/categories/resistors/search-results/>. However, since it is primarily aimed at designers, this method will exclude obsolete products from the results.

Information Page for a Product Type

The information page includes a **Life Cycle Data** tab which details the following information for the selected product type:

- **Lifecycle** status (growth, mature, decline, not recommended for new designs (NRND) or obsolete).
- **EOL date / YTEOL Estimate** giving EOL date if obsolete, otherwise estimated life reviewed at least annually and with a maximum time horizon of 5 years. The date of the latest review is shown.
- **Latest PCN Date** if any have been issued.
- **Alternative Product** or closest equivalent if any, but datasheets should be checked before use as a replacement.

The **Product Change Notifications** section may include a PCN list document. If multiple PCNs apply they are combined in chronological order within this PCN list.



LIFE CYCLE DATA	
Lifecycle	Mature
EOL Date / YTEOL Estimate	5 years or more from May 2021
Latest PCN Date	16 Jun 21
Alternative Product	-

Product Change Notifications

Product Change Notifications
PCNs for PFC

NRND and Obsolete Products

NRND and obsolete products are clearly identified as such in the product description and on the datasheet. Obsolete products can only be found by entering partial part numbers in Product Search, and not by the parametric search aimed at designers. In **Life Cycle Data**, the EOL Date shows the actual month and year of obsolescence. The latest PCN date is listed, and the compilation of PCNs may be accessed under **Product Change Notifications**. If close alternative parts are available, the suitable product type is shown. This may not be a drop-in replacement, so a datasheet comparison is recommended.

Specifications

Basic Data Electrical Data Compliance Data Processing Data **Life Cycle Data**

LIFE CYCLE DATA	
Lifecycle	Obsolete
EOL Date / YTEOL Estimate	EOL in Apr 2019
Latest PCN Date	23 Apr 19
Alternative Product	VRW37

3D Models
No items to display

Product Change Notifications

Product Change Notifications
PCNs for MH

TT Electronics Resistors

Listing of PCNs

Introduction
This file contains PCN information for the product(s) referenced by the file name.
Note that the file may contain multiple PCNs. If this is the case, they are arranged in chronological order, so to see the most recent PCN scroll to the end.

TT Electronics

Resistors Product Change Notification

PCN Number	PCN-2019-RBU10		
PCN Title	GC Series & MH Series EOL Announcement		
PCN Date	23rd April 2019		
Type of Change	<input checked="" type="checkbox"/> End of Life Notification <input type="checkbox"/> Manufacturing Facility Change or Addition <input type="checkbox"/> Datasheet Specification Change <input type="checkbox"/> Other:	<input type="checkbox"/> Material Change <input type="checkbox"/> Process Change <input type="checkbox"/> Design Change	
Manufacturing Location(s) Affected	TT Electronics Mexico		
Date of Change Implementation	31 st July 2019		

Products Affected

Resistors **TT Electronics**

High Voltage Metal Film Resistors

OBSOLETE

MH Series

- MH37 meets requirements of BSEN 60065 in value range 680K to 3M
- High working voltage to 3.5kV
- Small size
- High pulse load capability
- Robust cement coating
- Value up to 10M

All Pb-free parts comply with EU Directive 2011/65/EU amended by (EU) 2015/863 (RoHS3)

		MH25	MH37
Power rating at 70°C max	watts	0.25	0.5
Resistance range	ohms	100K - 10M	100K - 3M
Limiting element voltage	volts dc or ac peak	1,600	3,500
Isolation voltage	volts		700
TCR	ppm/°C		100
Resistance tolerance	%	1, 2, 5	
Standard values		E24 and E96 preferred	
Thermal impedance	°C/watt	140	112
Ambient temperature range	°C	-55 to 155	

Physical Data