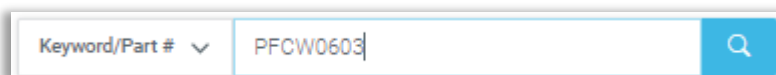


Technical Note TN007 - Instant Access to Life Cycle and Obsolete Product Data Online for TT Electronics Fixed and Variable Resistors

Introduction

TT Electronics is committed to supporting our customers in managing obsolescence throughout the lifetime of our products, and beyond. To this end, life cycle data is given on all parts, and basic data and datasheets for obsolete parts are retained online 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 top right on all pages at <https://www.ttelectronics.com>. This search method will include any relevant obsolete products in the results.



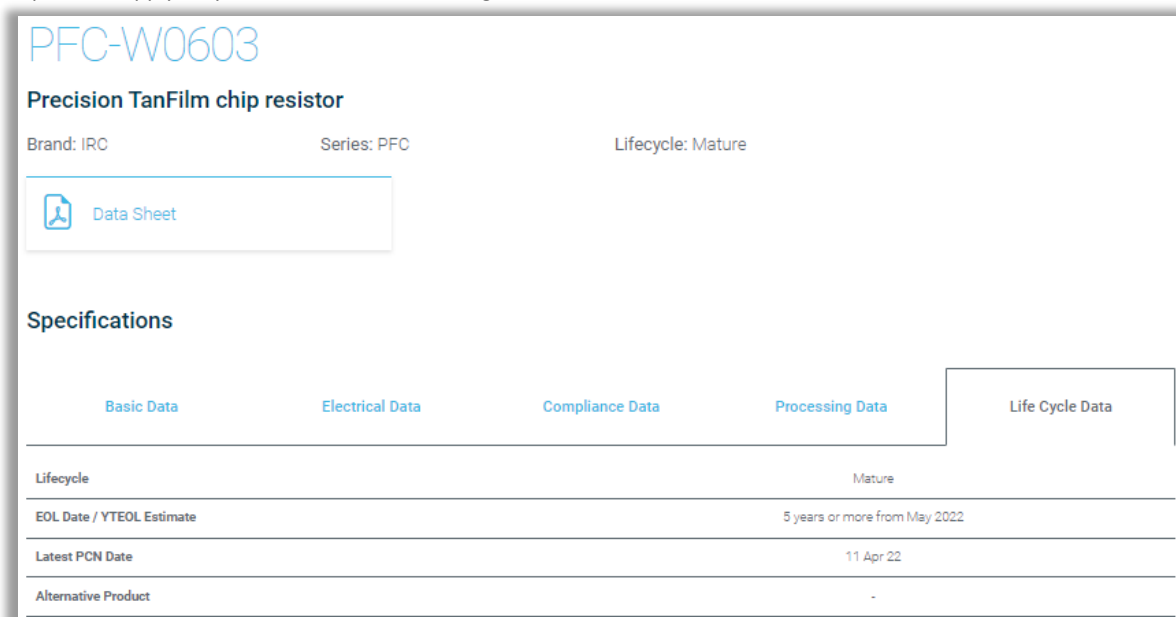
2. Entering parameters and selecting filter settings on the relevant product search page found under Products & Solutions or at <https://www.ttelectronics.com/products/passive-components/>. However, since it is primarily aimed at designers, this method will exclude obsolete products from the results.

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. Alternatively, a statement on EOL plans.
- **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 **Resources & Technical Documents** section may be filtered to **Product Change Notification** if a PCN list document exists. If multiple PCNs apply they are combined in chronological order within this PCN list.



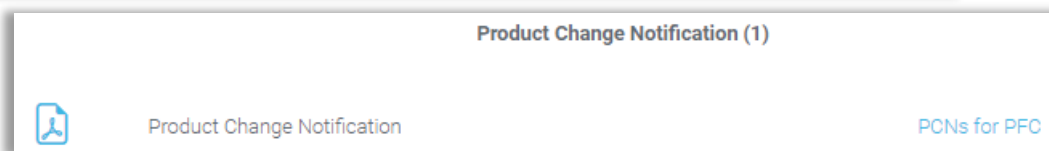
PFC-W0603
Precision TanFilm chip resistor

Brand: IRC Series: PFC Lifecycle: Mature


 [Data Sheet](#)

Specifications

Basic Data	Electrical Data	Compliance Data	Processing Data	Life Cycle Data
Lifecycle		Mature		
EOL Date / YTEOL Estimate		5 years or more from May 2022		
Latest PCN Date		11 Apr 22		
Alternative Product		-		



Product Change Notification (1)

 [Product Change Notification](#) [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 **Resources & Technical Documents**. If close alternative parts are available, a link to a suitable product type is shown. This may not be a drop-in replacement, so a datasheet comparison is recommended.

MH37

OBSOLETE High voltage metal film resistor

Lifecycle: Obsolete Brand: Welwyn Series: MH

Alternative Part Number: VRW37

[Data Sheet](#)

[DISTRIBUTOR INVENTORY](#)

[Sample Request](#)

[Quote Request](#)

[Speak to a Team Member](#)

Specifications

Basic Data	Electrical Data	Compliance Data	Processing Data	Life Cycle Data
Lifecycle				Obsolete
EOL Date / YTEOL Estimate				EOL in Apr 2019
Latest PCN Date				23 Apr 19
Alternative Product				VRW37

Product Change Notification (1)

[Product Change Notification](#)

[PCNs for MH](#)

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.

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:
Material Change	<input type="checkbox"/>
Process Change	<input type="checkbox"/>
Design Change	<input type="checkbox"/>
Manufacturing Location(s) Affected	TT Electronics Mexicali
Date of Change Implementation	31 st July 2019

Products Affected

Resistors

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)

Electrical Data

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

Physical Data