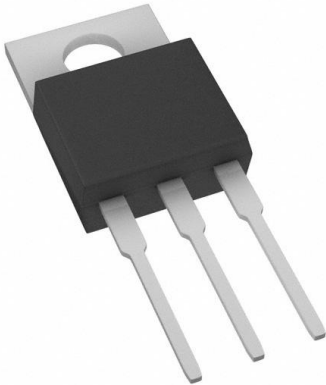


# PJP100P03\_TO\_00001 Datasheet

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DiGi Electronics Part Number	PJP100P03_TO_00001-DG
Manufacturer	<a href="#">Panjit International Inc.</a>
Manufacturer Product Number	PJP100P03_TO_00001
Description	30V P-CHANNEL ENHANCEMENT MODE M
Detailed Description	P-Channel 30 V 15.8A (Ta), 100A (Tc) 2W (Ta), 119W (Tc) Through Hole TO-220AB

This model PJP100P03\_TO\_00001 is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

PJP100P03\_TO\_00001

**Series:**

-

**FET Type:**

P-Channel

**Drain to Source Voltage (Vdss):**

30 V

**Drive Voltage (Max Rds On, Min Rds On):**

4.5V, 10V

**Vgs(th) (Max) @ Id:**

2.5V @ 250µA

**Vgs (Max):**

±20V

**FET Feature:**

-

**Operating Temperature:**

-55°C ~ 150°C (Tj)

**Supplier Device Package:**

TO-220AB

**Base Product Number:**

PJP100

**Manufacturer:**

Panjit International Inc.

**Product Status:**

Obsolete

**Technology:**

MOSFET (Metal Oxide)

**Current - Continuous Drain (Id) @ 25°C:**

15.8A (Ta), 100A (Tc)

**Rds On (Max) @ Id, Vgs:**

5mOhm @ 20A, 10V

**Gate Charge (Qg) (Max) @ Vgs:**

107 nC @ 10 V

**Input Capacitance (Ciss) (Max) @ Vds:**

6067 pF @ 25 V

**Power Dissipation (Max):**

2W (Ta), 119W (Tc)

**Mounting Type:**

Through Hole

**Package / Case:**

TO-220-3

## Environmental & Export classification

**RoHS Status:**

ROHS3 Compliant

**REACH Status:**

REACH Unaffected

**HTSUS:**

8541.29.0095

**Moisture Sensitivity Level (MSL):**

1 (Unlimited)

**ECCN:**

EAR99

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