

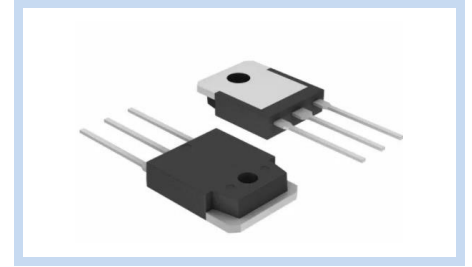
MOSFET TO3P Package

MFT-TO3P series

MERITEK

FEATURE

- Operating and Storage Temperature: -55°C ~ +150°C
- Fast Switching Characteristics
- Improved dv/dt Capability



PART NUMBERING SYSTEM

MFT **90** **N** **9** **T3PS**
 (1) (2) (3) (4) (5)

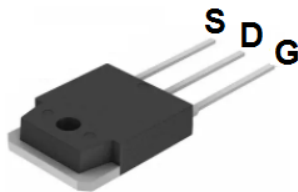


No	Item	Code	Part Description	Series Reference
(1)	Meritek Series	MFT	Meritek MOSFET Series	Leaded Type
(2)	Voltage Rating	90	90: 900V	Drain-Source Voltage, 10:100V
(3)	FET Type	N	N: Single N Channel	N-Channel MOSFET
(4)	Current Rating	9	9: 9A	Continuous Drain Current, T _C =25°C
(5)	Internal Code	T3PS	Internal Control Reference	Package or Project Reference

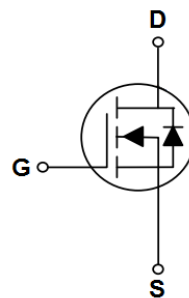
SURFACE MOUNT MOSFET PACKAGE REFERENCE TABLE

Series	FET Type	Channel/ Feature	Continuous Drain Current (I _D) @ 25°C	R _{DS(ON)} Max. @ 4.5 V _{GS}	Power Dissipation (P _D) @25°C	Drain to Source Voltage (V _{DS})
MFT(N)-T3P	N	Single	9	-	240W	900V

PIN CONFIGURATION



TO3P



Single N Type

ELECTRICAL CHARACTERISTICS

MFT(N)-T3P Series – Single N Channel Type

Part Number	V _{DS} (V)	I _D (A)		V _{GS} (V)	R _{DS(ON)} (mΩ) max. at V _{GS}		Q _g (nC)		C _{ISS} (pF)	P _D (W) @25°C	T _S , T _J (°C)
		25°C	100°C		10V	4.5V	10V	4.5V			
MFT90N9T3PS	900	9	5.7	±30	1200	-	2395	56	2395	240	-55 ~ +150

Note:

1. TA=25°C unless otherwise specified. 2. PD is Power Dissipation Derate above 25°C.

*Specifications subject to change without notice.