

Panasonic

MTM861280LBF

Silicon P-channel MOSFET

For Switching

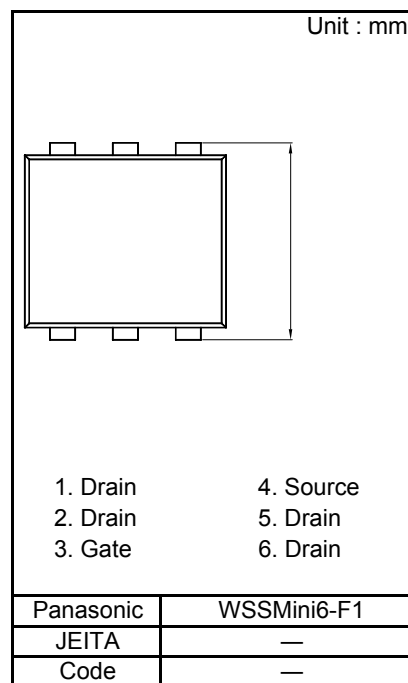
■ Features

- Low drain-source On-state Resistance
: $R_{DS(on)}$ typ. = 300 m Ω (V_{GS} = -4.0 V)
- Halogen-free / RoHS compliant
(EU RoHS / UL-94 V-0 / MSL : Level 1 compliant)

■ Marking Symbol : ML

■ Packaging

Embossed type (Thermo-compression sealing) : 10 000 pcs / reel (standard)



■ Absolute Maximum Ratings T_a = 25 °C

Parameter	Symbol	Rating	Unit
Drain to Source Voltage	VDS	-20	V
Gate to Source Voltage	VGS	± 12	
Drain Current	ID	-1.0	
Drain Current (Pulsed) ^{*1}	IDp	-4.0	A
Total Power Dissipation	PD1 ^{*2}	540	mW
	PD2 ^{*3}	150	
Channel Temperature	Tch	150	°C
Operating Ambient Temperature	Topr	-40 to +85	
Storage Temperature Range	Tstg	-55 to +150	

Note) ^{*1} $t \leq 10 \mu s$, Duty cycle $\leq 1\%$

^{*2} Glass epoxy substrate (25.4 × 25.4 × t 0.8 mm) coated with copper foil (more than 300 mm²)

^{*3} Non-heat sink

Internal Connection

Pin Name

- | | |
|----------|-----------|
| 1. Drain | 4. Source |
| 2. Drain | 5. Drain |
| 3. Gate | 6. Drain |