

Panasonic

MTM761100LBF

Silicon P-channel MOSFET

For Switching

■ Features

- Low Drain-source On-state Resistance : $R_{DS(on)}$ typ. = 30 m Ω (V_{GS} = -4.0 V)
- Low Drive Voltage : 1.8 V Drive
- Halogen-free / RoHS compliant
(EU RoHS / UL-94 V-0 / MSL : Level 1 compliant)

■ Marking Symbol : 9D

■ Packaging

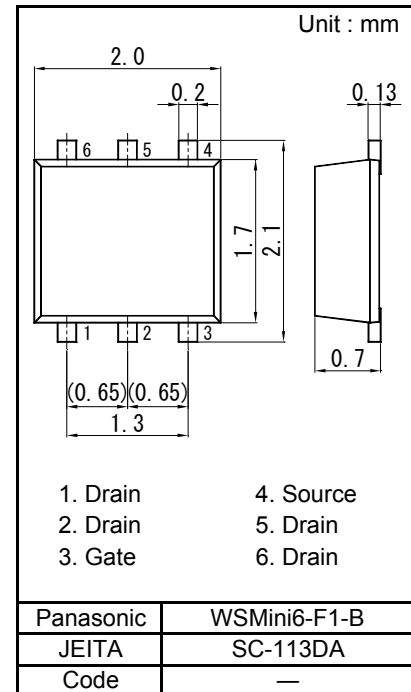
Embossed type (Thermo-compression sealing) 3 000 pcs / reel (standard)

■ Absolute Maximum Ratings T_a = 25 °C

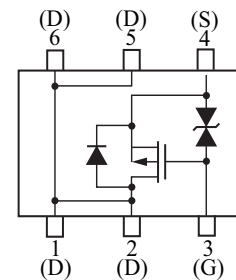
Parameter	Symbol	Rating	Unit
Drain to Source Voltage	V_{DS}	-12	V
Gate to Source Voltage	V_{GS}	± 8	V
Drain Current	I_D	-4.0	A
Drain Current (Pulsed) ^{*1}	I_{Dp}	-16	A
Total Power Dissipation ^{*2}	PD	700	mW
Channel Temperature	T_{ch}	150	°C
Operating ambient temperature	T_{opr}	-40 to +85	
Storage Temperature Range	T_{stg}	-55 to +150	

Note: ^{*1} Pulse width ≤ 10 μ s, Duty cycle ≤ 1 %

^{*2} Measuring on ceramic board at 40 mm $\times$ 38 mm $\times$ 0.1 mm.
Absolute maximum rating PD Non-heat sink shall be made 150 mW.



Internal Connection



Pin Name

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