

MTM761230LBF

Silicon P-channel MOSFET

For Switching

■ Features

- Low drain-source On-state Resistance : $R_{DS(on)}$ typ. = 36 m Ω (VGS = -4 V)
- Low drive voltage : 2.5 V drive
- Halogen-free / RoHS compliant
(EU RoHS / UL-94 V-0 / MSL : Level 1 compliant)

■ Marking Symbol : 9C

■ Packaging

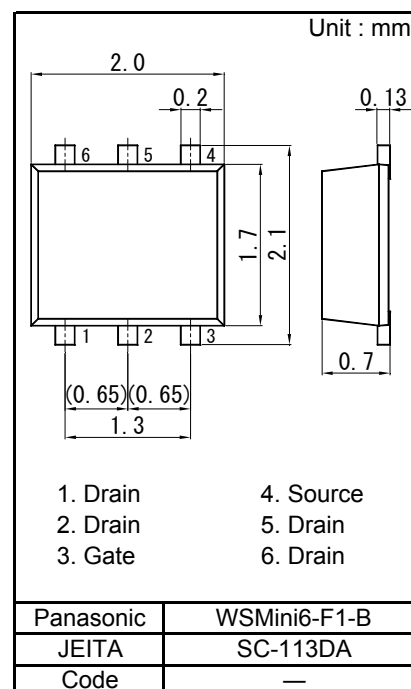
Embossed type (Thermo-compression sealing) : 3 000 pcs / reel (standard)

■ Absolute Maximum Ratings Ta = 25 °C

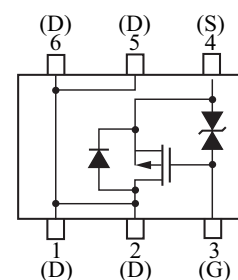
Parameter	Symbol	Rating	Unit
Drain to Source Voltage	VDS	-20	V
Gate to Source Voltage	VGS	± 10	V
Drain Current	ID	-3	A
Drain Current (Pulsed) ^{*1}	IDp	-16	A
Total Power Dissipation ^{*2}	PD	700	mW
Channel Temperature	Tch	150	°C
Operating Ambient Temperature	Topr	-40 to +85	°C
Storage Temperature Range	Tstg	-55 to +150	°C

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

^{*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