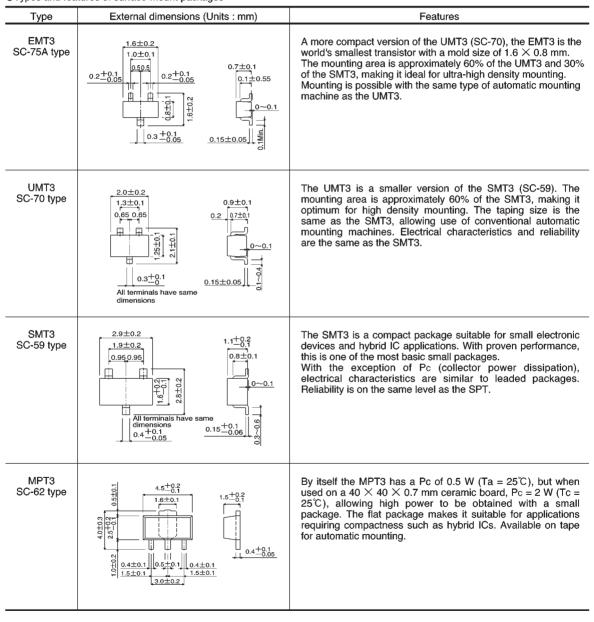
Transistors Packages

## **Packages**

ROHM has been manufacturing transistors since 1975. In the development of products, we constantly strive to anticipate the needs of our customers. Regarding packages, the demands of the market for compactness, low power consumption, higher power dissipation and automatic mounting support are becoming ever greater, and we are strengthening our product development system to meet these needs.

Types and features of surface-mount packages



Transistors Packages

Туре	External dimensions (Units : mm)	Features
CPT 3 SC-63 type	0.55±0.2 0.5±0.1 0.5±0.1 0.5±0.1 0.5±0.1 0.5±0.1 0.5±0.1 0.5±0.1 0.5±0.1 0.5±0.1 0.5±0.1	By itself the CPT3 has a Pc of 1 W (Ta = 25°C), but a large Pc of several watts can be obtained with an appropriate mounting surface. At the same time the CPT3 is compact, making it suitable for high density mounting and hybrid ICs. Available on tape for automatic mounting.
PSD3	10.1±0.3 10.1±0.3 10.1±0.3 1.3 0~0.3 0 0 0.4 1.3 0 0 0.4 1.3 1.3 0 0 0.4 1.3 1.3 0 0 0.4 1.3 0 0 0 0 0.4 1.3 0 0 0 0 0 0.4 1.3 0 0 0 0 0 0 0.4 1.3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	The PSD3 is a TO-220 class surface-mount package. A high Pc can be obtained with an appropriate mounting surface. Surface mounting allows a high vertical density, enabling the design of slim and compact devices. The PSD3 is available on tape for automatic mounting, and it helps improve mounting efficiency and reduce mounting cost.
SMT5 SC-74A type	2.9±0.2 1.9±0.2 0.95 0.95 0.8±0.1 0.000 0.15±0.1 0.15±0.1 0.000 0.15±0.1 0.15±0.1 0.000 0.15±0.1 0.15±0.1 0.15±0.1	The SMT5 consists of two connected transistors or digital transistors in an SMT3 (SC-59) package. The mounting area can be reduced by 50% compared to the SMT3 and the internal circuitry is complete, making this package ideal for high density mounting at half the assembly cost.
SMT6 SC-74 type	2.9±0.2 1.1±0.2 0.950.95 0.8±0.1 0~0.1 0~0.1 0~0.1	The SMT6 consists of two independent transistors or two independent digital transistors in an SMT3 (SC-59) package. The mounting area and mounting cost can be reduced by 50% compared to the SMT3, and the two transistors are independent to allow free configuration of a high density circuit.

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Туре	External dimensions (Units : mm)	Features
UMT5 SC-88A type	2.0±0.2 1,3±0.1 0.85 0.65 0.7 0.2+0.1 0.2+0.1 0.2+0.1 0.15±0.05 All terminals have same dimensions	The UMT5 consists of two connected transistors or digital transistors in a UMT3 (SC-70) package. The mounting area can be reduced by 50% compared to the UMT3 and the internal circuitry is completed, making this package ideal for high density mounting at half the assembly cost.
UMT6 SC-88 type	2.0±0.2 1.3±0.1 0.65 0.65 0.7 0.7 0.2±0.1 0.2±0.1 0.2±0.1 0.15±0.05 All terminals have same dimensions	The UMT6 consists of two independent transistors or two independent digital transistors in a UMT3 (SC-70) package. The mounting area and mounting cost can be reduced by 50% compared to the UMT3, and the two transistors are independent to allow free configuration of a high density circuit.

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