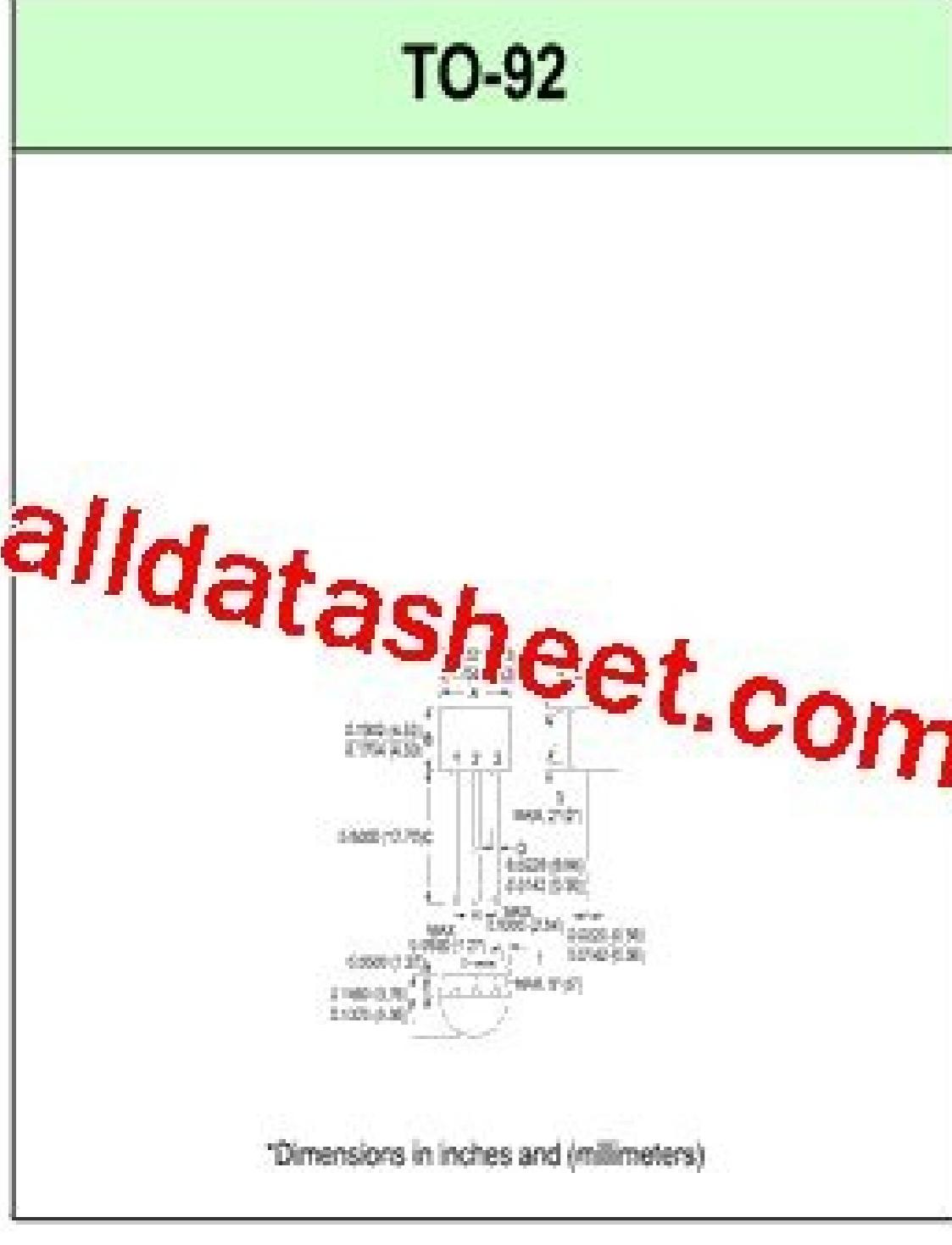


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## To-92 datasheet pdf

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Download Datasheet ManufacturerPart No.DatasheetDescription List of Unclassified Man... TO-92 169Kb / 4P TO-92 (3 leads) Leaded Thru-hole Plastic Package SHENZHEN YONGERJIA INDU... TO-92 126Kb / 1P TRANSISTOR (PNP) TO-92 148Kb / 1P TRANSISTOR (NPN) List of Unclassified Man... TO-92 306Kb / 8P Sample Instructions for Choosing a Packing Option SHENZHEN YONGERJIA INDU... TO-92 126Kb / 1P TRANSISTOR (PNP) More results ManufacturerPart No.DatasheetDescription SUPERTEX, Inc CL2 256Kb / 7P Simple 90V 20mA Temperature Compensated Constant LED Driver IC CL2 256Kb / 7P Simple 90V 20mA Temperature Compensated Constant LED Driver IC CL2 256Kb / 7P Simple 90V 20mA Temperature Compensated Constant LED Driver IC CL2 256Kb / 7P Simple 90V 20mA, Temperature Compensated Constant Current LED Driver IC CL2N8-G 932Kb / 7P Simple 90V, 20mA, Temperature Compensated Constant Current LED Driver IC CL25 667Kb / 6P Simple 90V, 25mA, Temperature Compensated, Constant Current, LED Driver IC CL25 508Kb / 5P Simple 90V, 20mA, Temperature Compensated, Constant Current, LED Driver IC CL220 1Mb / 7P Simple, 220V, 20mA, Temperature-Compensated, Constant Current, LED Driver IC Microchip Technology CL220 396Kb / 13P Simple, 220V, 20mA, Temperature-Compensated, Constant-Current, LED Driver IC 01/27/15 CL2 426Kb / 15P Simple 90V, 20mA, Temperature Compensated 07/14/15 SHENZHEN FUMAN ELECTRON... TC1360 350Kb / 10P LED constant current driver IC More results English 中文 français español 日本語 Deutsch italiano русский polski português Tiếng việt Indian Mexican British New Zealand Privacy Policy ALLDATASHEET.COM English 中文 français español 日本語 Deutsch italiano русский polski português Tiếng việt Indian Mexican British New Zealand Small and cheap semiconductor package often used for transistors TO-92 front view[1]TO-92 back view[1] The TO-92 is a widely used style of semiconductor package mainly used for transistors. The case is often made of epoxy or plastic, and offers compact size at a very low cost. History and origin The JEDEC TO-92 descriptor is derived from the original full name for the package: Transistor Outline Package, Case Style 92.[1] The package is also known by the designation SOT54. By 1966 the package was being used by Motorola for their 2N3904 devices among others.[2] Construction and orientation Size comparison of BJT transistor packages, from left to right: SOT-23, TO-92, TO-126, TO-3 The case is molded around the transistor elements in two parts; the face is flat, usually bearing a machine-printed part number (some early examples had the part number printed on the top surface instead). The back is semi-circularly-shaped. A line of moulding flash from the injection-moulding process can be seen around the case. The leads protrude from the bottom of the case. When looking at the face of the transistor, the leads are commonly configured from left-to-right as the emitter, base, and collector for 2N series (JEDEC) transistors, however, other configurations are possible, such as emitter, collector, and base commonly used for 2S series (Japanese) transistors or collector, base, and emitter for many of the BC series (Pro Electron) types.



If the face has a part name made up of only one letter and a few numbers, it can be either a Japanese or a Pro Electron part number. Thus, "C1234" would likely be a 2SC1234 device, but "C547" is usually short for "BC547". TO-92 packages with pre-bent wires, on the left to emulate a TO-18 footprint (SO-97 in BS 3934, 10A3 in DIN 41868) The leads coming out of the case are spaced 0.05" (1.27 mm) apart. It is often convenient to bend them outward to a 0.10" (2.54 mm) spacing to make more room for wiring.[3] Units with their leads pre-bent may be ordered to fit specific board layouts, depending on the application. Otherwise, the leads may be bent manually; however, care must be taken as they can break easily, as with any other device that is manually configured. The physical dimensions of the TO-92 housing may vary slightly depending on the manufacturer; however, the 1.27mm lead spacing must be respected. Advantages Transistors of this type can be made very inexpensively and take up very little board space. Most models are readily available in large quantities from wholesale distributors.



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TO-92 Plastic-Escapsulate Transistors

3DD13002/ 3DD13002B TRANSISTOR (NPN)

FEATURES

Power dissipation

P<sub>ds</sub> 0.3 W (T<sub>case</sub>=25°C)

Collector current

I<sub>C</sub> 0.029 A

Collector-emitter voltage

V<sub>CE</sub> 40 V

Operating and storage junction temperature range

T<sub>J</sub>, T<sub>S</sub> -55°C to +150°C

Dimensions in inches and (millimeters)

Dimensions in inches and (millimeters)</p

