

PDIP

Plastic Dual In-Line Package

Plastic Dual In-Line Packages (PDIP) are long-established industry standard through-hole packages.

PDIP Plastic Dual In-Line Package

Part Number	Number of Pins	Body Size (body length in inches)	Quantity Per Tube
300 mil wide body			
PDIP8-300	8	.360"	50
PDIP14-300	14	.750"	25
PDIP16-300	16	.750"	25
PDIP18-300	18	.900"	21
PDIP20-300	20	1.030"	18
PDIP24-300	24	1.250"	15
600 mil wide body			
PDIP24-600	24	1.250"	15
PDIP28-600	28	1.450"	13
PDIP32-600	32	1.650"	11
PDIP40-600	40	2.060"	9
PDIP48-600	48	2.430"	7

Daisy-Chain Available

Notes

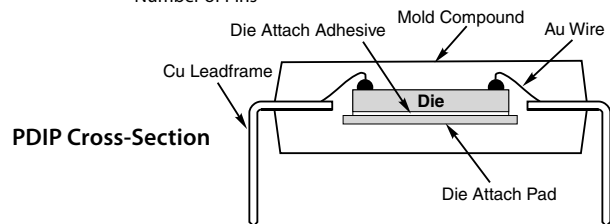
- Eutectic solder plating finish is 85% Sn/15% Pb.
- High conductivity copper leadframe.
- JEDEC standard compliant.
- Parts packaged in anti-static 20" tubes.
- Lead-free available with 100% Sn Matte alloy.
- Pitch is 100 mils.



For kits see pages 53, 55, 62, 69, 70, 73 and 79.

Part Number Description

Plastic Dual In-Line Package — PDIP8-300 — Body Width (Mils)
 Number of Pins



Through-Hole Glass Diodes

Axial Leaded Through-hole Glass Diode package has been in use for over 50 years in the electronics industry. The body of these parts are glass and the package is hermetically sealed. The "DO" prefix is a JEDEC designation for through-hole diodes. The 34 and 35 references case size.

These type of components are packaged on ammo pack or bulk. In most cases, these parts are sold as training aids to teach new operators how to solder.

Axial Leaded Through-Hole Glass Diode

Part Number	References		Case Size		Lead Diameter
	(JEDEC)	(EIAJ)	(Inch)	(mm)	
DO-34	DO-34		0.0629" x 0.1197"	1.6 x 3.04mm	.55mm
DO-35	DO-35	SC-40	0.0728" x 0.1673"	1.85 x 4.25mm	.56mm

Notes

- Part is hermetically sealed glass package.
- Axial leaded (2 leads).
- Parts are packaged Ammo pack (5K per reel) or bulk.
- Lead-free available with 100% Sn alloy.



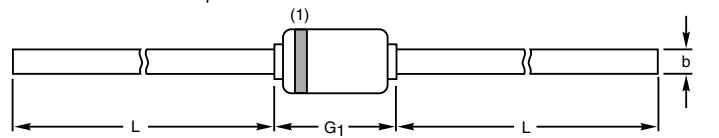
Part Number System

Glass Diode — DO-34-B — Packaging
 Body Size

- Add "Ammo" to end of part number for Ammo T&R.
- Add "B" to end of part number for bulk.

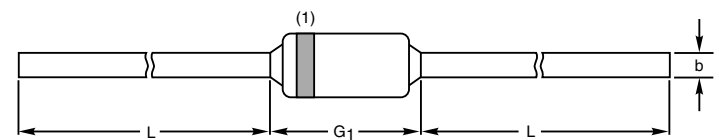
DO-34

Unit	b Max	D Max	G ₁ Max	L Min
mm	0.55	1.6	3.04	25.4



DO-35

Unit	b Max	D Max	G ₁ Max	L Min
mm	0.56	1.85	4.25	25.4



TO

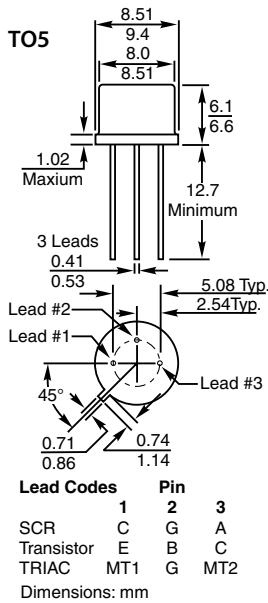
Through-Hole Transistors

TO type components are through-hole transistors. These are basic electronic components developed in the last forty years. There are many additional types of TO components not listed. TO components come

packaged in tubes, bulk, and tape and reel. Not all components types are available in all packaging styles. Please call for availability. Parts are available lead-free with Sn finish.

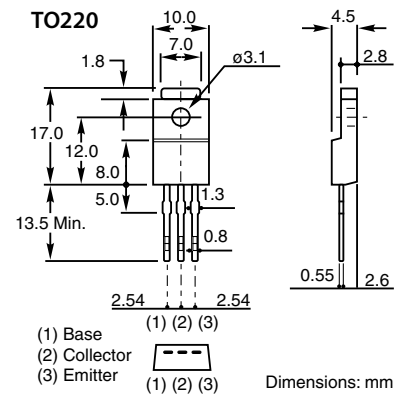
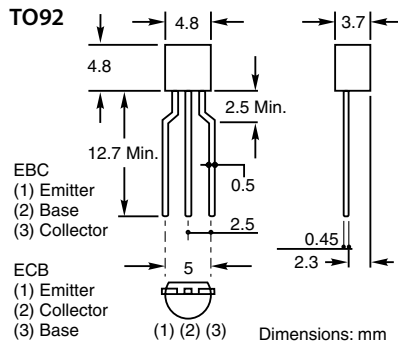
TO Through-Hole Transistors

Part Number	Number of Pins	Case Material
TO5-3-B	3	Metal
TO18-3-B	3	Metal
TO92-3-B	3	Plastic
TO220-3-B	3	Plastic



Part Number System

Transistor Package — TO5-3-B — Packaging
Number of Pins



For kits see pages 53, 62, 69, 70, 73 and 79.

Axial Leaded Resistors

Axial Leaded Resistors are through-hole mounted components. The Practical Components part numbering system for this type of component is based on wattage ratings, i.e.; 1/2 watt = 1/2-W-AR-3.5x9.5MM. AR components are available in bulk, tape and reel or ammo pak.

Axial Leaded Resistors

Part Number	Type	Dimensions (mm)				
		L	C	D	l	d
1/8-W-AR-1.6X3.7mm-TR	CF 1/8	3.00 ± 0.1	3.5 Max	1.70 ± 0.2	28.0 ± 3.0	0.45 ± 0.05
1/4-W-AR-2.3X6.5mm-TR	CF 1/4	6.35 ± 0.5	7.1 Max	2.30 ± 0.3	28.0 ± 3.0	0.60 ± 0.05
1/2-W-AR-3.5X9.5mm-TR	CF 1/2	8.51 ± 0.5	9.52 Max	3.00 ± 0.3	28.0 ± 3.0	0.60 ± 0.05

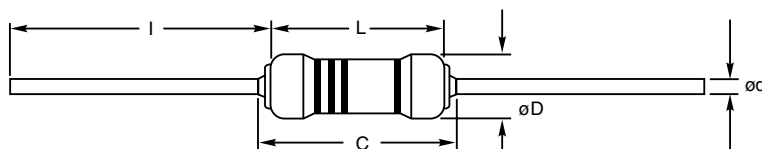
Notes

- Parts are conformal coated resistors—carbon film type.
- TR = Tape and Reel
- Lead-Free and Zero-Ohm value parts available



Part Number System

Wattage Size — 1/8-W-AR-1.6x3.7mm-TR — Tape and Reel
Axial Resistor Package Body Size



For kits see pages 53, 62, 69, 70, 73 and 79.