

TABLE 2 : PNP GENERAL PURPOSE T-27-01

The devices shown in this table are general purpose transistors designed for small signal amplification from d.c. to radio frequencies. Typical application areas include: AUDIO FREQUENCY AMPLIFIERS, DRIVERS and OUTPUT STAGES, OSCILLATORS, AND GENERAL PURPOSE SWITCHES.

Type	V _{CB0} V	V _{CEO} V	Max I _C mA	Max V _{CE(sat)} at			h _{FE} at			Min f _T at		P _{tot} at T _{amb} = 25°C mW	Complement
				V	I _C mA	I _B mA	Min	Max	I _C mA	MHz	I _C mA		
BC556P	80	65	200	0.25	10	0.5	75	450	2	150*	10	500	BC546P
ZTX504	70	70	500	0.6	50	5	50	300	10	150	10	300	ZTX304
ZTX212	60	50	200	0.25	10	0.5	60	400	2	200	10	500	ZTX107
BC212P	60	50	200	0.6	100	5	60	400	2	200	10	300	BC182P
BC557P	50	45	200	0.25	10	0.5	75	450	2	150*	10	500	BC547P
BC177P	50	45	200	0.2	10	0.5	120	460	2	130	10	300	BC107P
BC307P	50	45	200	0.2	10	0.5	120	460	2	130*	10	300	BC237P
ZTX503	45	45	500	0.35	50	5	50	300	10	150	10	300	ZTX303
ZTX531	45	45	500	0.7	10	0.5	40	120	0.01	30	0.5	250	ZTX331
ZTX213	45	30	200	0.25	10	0.5	80	550	2	200	10	500	ZTX108
BC213P	45	30	200	0.6	100	5	80	600	2	200	10	300	BC183P
ZTX502	35	35	500	0.25	50	5	100	300	10	150	10	300	ZTX302
ZTX501	35	35	500	0.25	50	5	50	300	10	150	10	300	ZTX301
ZTX530	30	30	500	0.7	10	0.5	100	400	0.1	30	0.5	250	ZTX330
BC558P	30	30	200	0.25	10	0.5	75	800	2	150*	10	500	BC548P
BC178P	30	25	200	0.2	10	0.5	120	800	2	130	10	300	BC108P
BC308P	30	25	200	0.2	10	0.5	120	800	2	130*	10	300	BC238P
ZTX500	25	25	500	0.35	50	5	50	300	10	150	10	300	ZTX300

*Typical

ZETEX SEMICONDUCTORS

E-LINE TAPED PRODUCT

ZETEX SEMICONDUCTORS

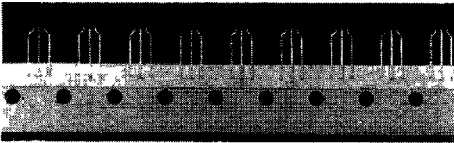
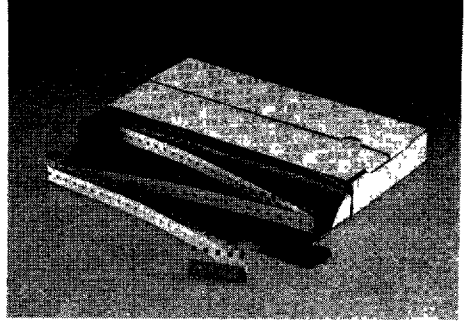
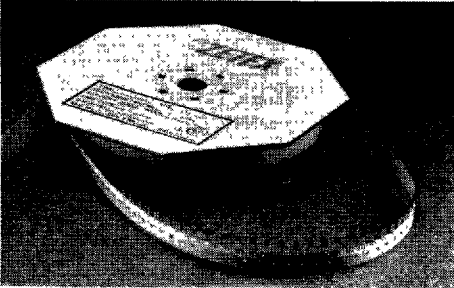
T-91-20

RADIAL TAPE FOR AUTOMATIC INSERTION

Two types are available.

(a) The tape, bearing the devices, is wound on a reel and supplied in a cardboard box.

(b) The tape, bearing the devices, is folded in a concertina (or Z) form and supplied in a cardboard box (ammo pack).

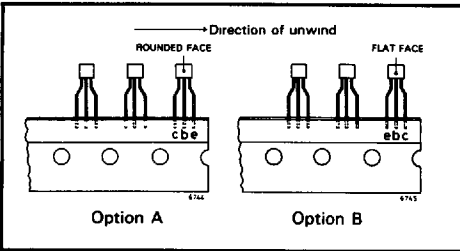


TAPE FEATURES

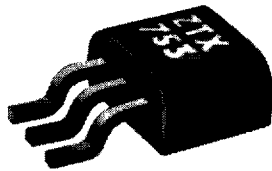
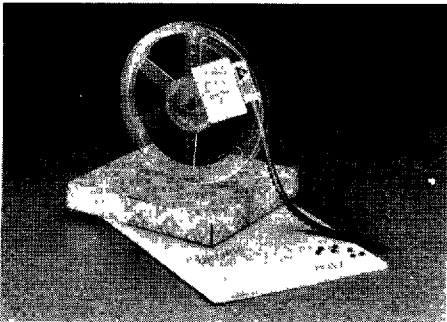
- Each reel or box contains 2000 devices.
- No more than 2 consecutive vacant spaces on the tape.
- Minimum of 5 vacant spaces at beginning and end of tape.
- Available with choice of orientation.

To order E-Line transistors on tape, the following format should be used.

- Suffix 'STO' for product taped and put on reels.
- Orientation (option A or B).
e.g. ZTX650 STO.A.
- Suffix 'STZ' for product taped and folded (ammo pack).



M1 IN TAPE FOR SURFACE MOUNTING



TAPE FEATURES

- 13" reel contains 3000 devices
- 7" reel contains 500 devices
- Devices contained in anti-static tape.

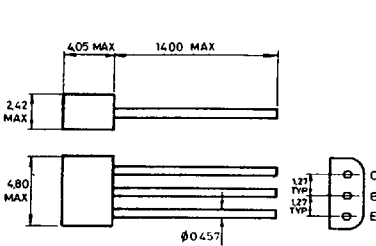
To order E-Line M1 transistors on tape.

- 7" reels - Suffix device type with M1TA
e.g. ZTX651 M1TA
- 13" reels - Suffix device type with M1TC
e.g. ZTX651 M1TC

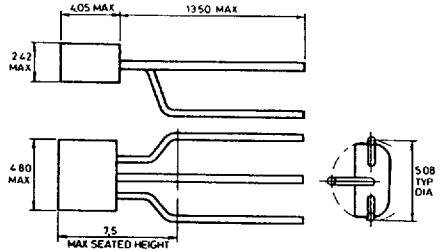


E-LINE (TO-92 STYLE) PACKAGE OUTLINES

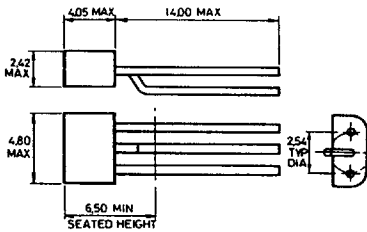
Devices can be ordered with the following lead configurations by adding the indicated suffix to the part number.



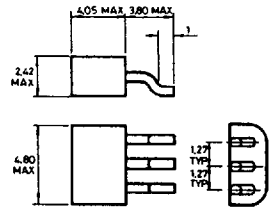
**STANDARD PACKAGE
BS 3934 SO-94**



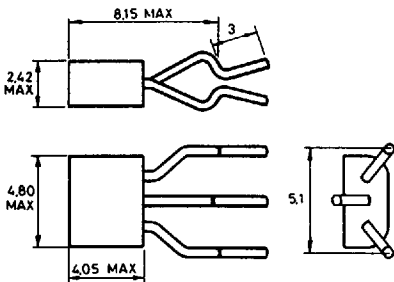
**SUFFIX 'K' LEAD FORMATION
for TO-5 and TO-39 compatibility
BS 3934 SO-95**



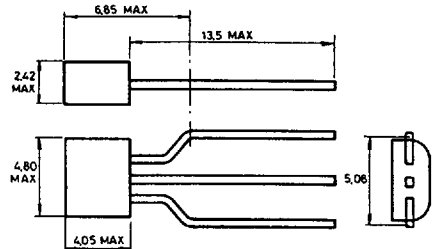
**SUFFIX 'L' LEAD FORMATION
for TO-18 compatibility
BS 3934 SO-97**



**SUFFIX 'M1' LEAD FORMATION
for flat mounting
BS 3934 SO-96**



**SUFFIX 'Q' LEAD FORMATION
(Lockfit)**



SUFFIX 'S' LEAD FORMATION

Dimensions in millimetres

The 'S' type lead formation is pin compatible with the popular TO-202 plastic power transistor.