

CENTRE COLLECTOR E-LINE**TABLE 3: NPN RF TRANSISTOR****ZETEX SEMICONDUCTORS**

Type	V_{CBO} V	V_{CEO} V	Max. Cont. I_C mA	Max. $V_{CE(sat)}$ at			h_{FE} at			P_{out} at	
				V	I_C mA	I_B mA	Min.	Max.	I_C mA	mW	f MHz
FXT3866	55	30	400	1.0	100	20	15	200	50	700	400

TABLE 4: SUPER E-LINE NPN DARLINGTONS

Type	V_{CBO} V	V_{CEO} V	Max. Cont. I_C mA	Max. $V_{CE(sat)}$ at			h_{FE} at			Max. I_{CBO} at		P_{tot} at $T_{amb} = 25^\circ C$ mW
				V	I_C mA	I_B mA	Min.	Max.	I_C mA	nA	V_{CB} V	
FXT601B	180	160	1000	1.2	1000	10	2K	100K	500	10	160	1000
FXT605	140	120	1000	1.5	1000	1	2K	100K	1000	10	120	1000
FXT603	100	80	1000	1.0	1000	1	2K	100K	1000	10	80	1000
FXT38C	80	60	800	1.25	800	8	10K	—	500	100	60	1000

TABLE 5: HIGH VOLTAGE TRANSISTORS

Type	V_{CBO} V	V_{CEO} V	Max. I_C mA	Max. $V_{CE(sat)}$ at			h_{FE} at			Max. I_{CBO} at		P_{tot} $T_{amb} = 25^\circ C$ mW	Comple- ment
				V	I_C mA	I_B mA	Min.	Max.	I_C mA	μA	V_{CB} V		
NPN													
FXTA42	300	300	500	0.5	20	2.0	40	—	10	0.10	200	680	FXTA92
PO39P	300	300	500	0.2	25	1.25	25	150	100	0.5	240	800	PO38P
PNP													
FXTA92	300	300	500	0.5	20	2.0	40	—	10	0.25	200	680	FXTA42
PO38P	300	300	500	0.5	1	0.1	25	200	0.2	0.1	240	800	PO39P

CENTRE COLLECTOR E-LINE

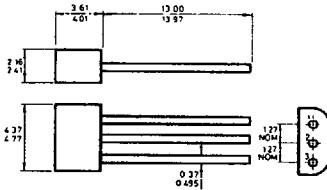
THROUGH HOLE TECHNOLOGY

ZETEX SEMICONDUCTORS

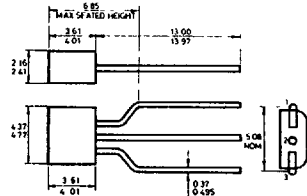
The Zetex centre collector range can be supplied in bulk or on tape for use in through hole applications. The Super E-line range is designed to replace TO-39, TO-126, TO-220 and TO-237 in free standing applications.

PACKAGE DETAILS

T-91-20



STANDARD PACKAGE



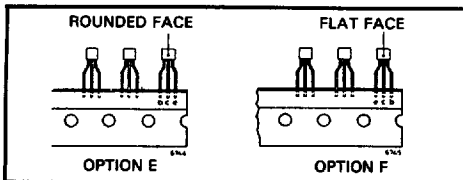
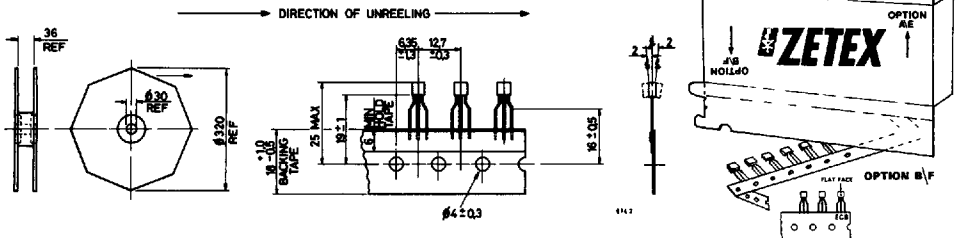
SUFFIX 'S' LEAD FORMATION

TAPED PRODUCT

E-line transistors can be supplied on tape for automatic insertion. Two types of packaging 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 FOLDED IN CARTON
CONCERTINA STYLE**



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:

- (a) Suffix 'STO' for product taped and put on reels.
(b) Orientation (Option E or F). E.g. FXT651STOE.
(c) Suffix 'STZ' for product taped and folded (Ammo pack).