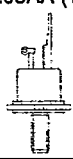


Triacs

25 TO 50 AMPS

T-25-01

Part number	V_{RRM} , V_{DRM} (V)	$I_{T(RMS)}$ @ T_C		I_{TSM} (1)		V_{TM} @ I_{TM} $T_J = 25^\circ C$		R_{thJC} DC ($^\circ C/W$)	Case Outline Number	Notes	Case style
				50Hz	60Hz						
		(A)	($^\circ C$)	(A)	(A)	(V)	(A)				
25AC10A 25AC20A 25AC40A 25AC60A 25AC80A 25AC100A 25AC120A	100 200 400 600 800 1000 1200	25	82	200	209	1.9	35	1.15	T1	(2) (4)	TO-208AA (TO-48) 
50AC10A 50AC20A 50AC40A 50AC60A 50AC80A 50AC100A 50AC120A	100 200 400 600 800 1000 1200										TO-208AC (TO-65) 

(1) 100% V_{RRM} reapplied $T_J = 125^\circ C$.

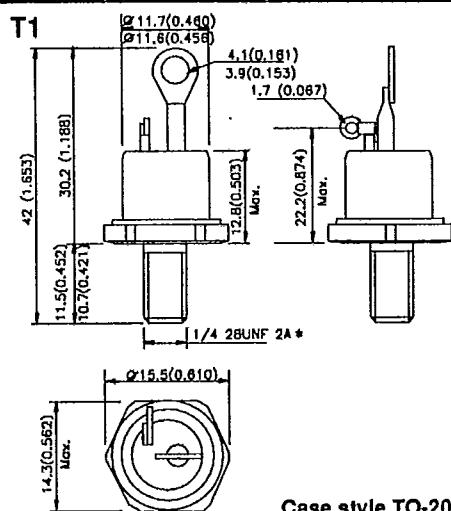
(2) Leaded version available, Outline T2.

(3) Leaded version available, Outline T4.

(4) Available with metric stud; to specify add "M" to the end of part number (e.g., 25AC120AM, 50AC120AM).

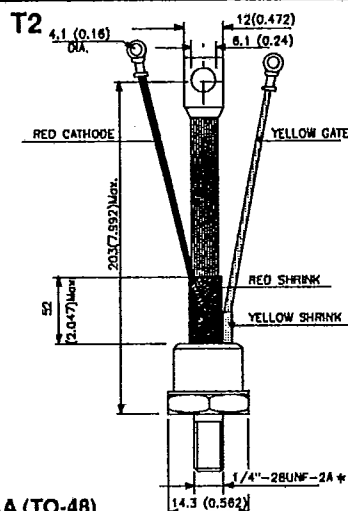
T-25-01

Case outlines



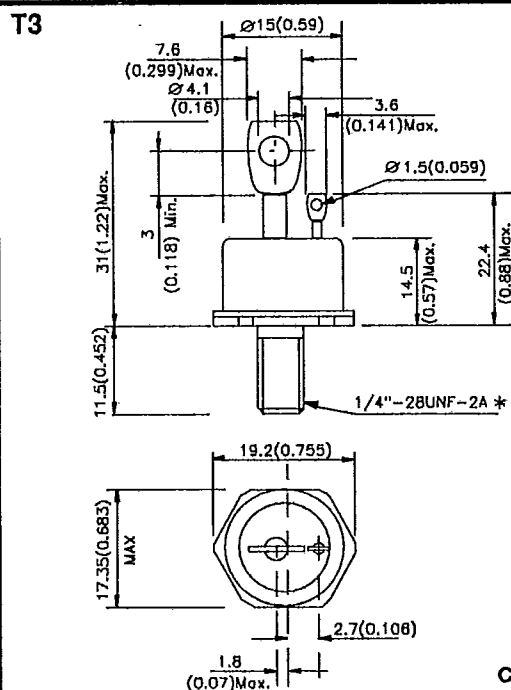
Case style TO-208AA (TO-48)

* FOR METRIC DEVICES: M6 x 1



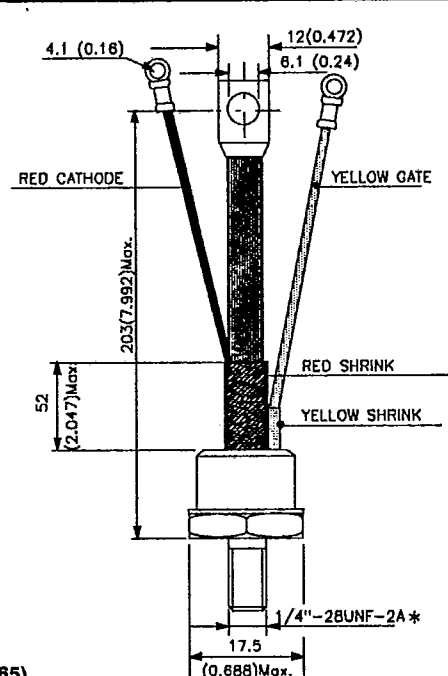
* FOR METRIC DEVICES: $MA \times 1$

**All dimensions in millimetres (inches)
Dimensions are nominal
Full engineering drawings are
available on request**

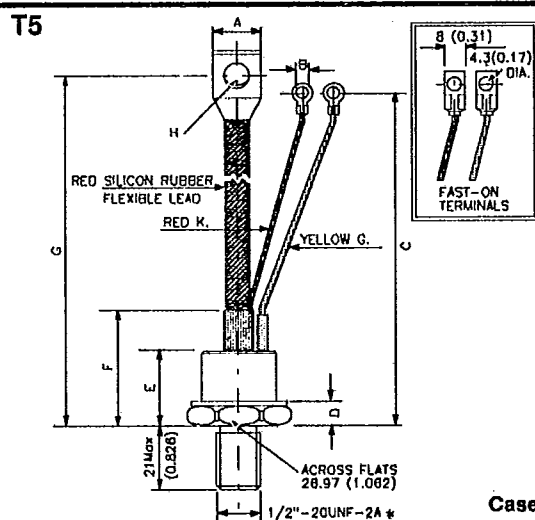


Case style TO-208AC (TO-65)

* FOR METRIC DEVICES: M6 x 1



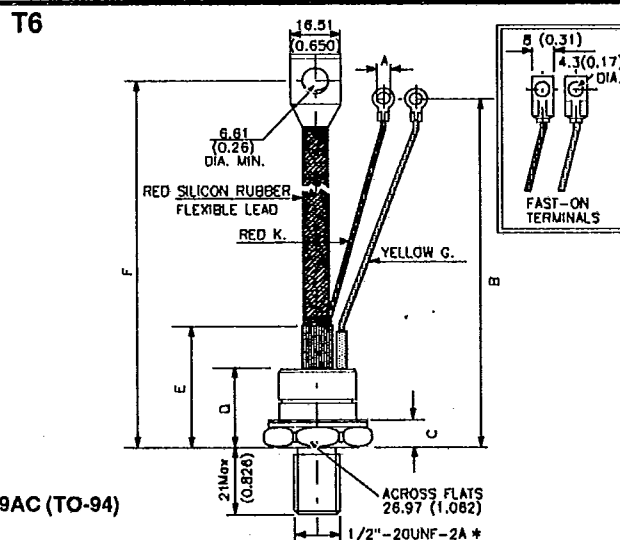
* FOR METRIC DEVICES : M6 x 1



Case style TO-209AC (TO-94)

* FOR METRIC DEVICE: $12 \times 1.75 \text{ E } 6$

	A	B	C	D	E	F	G	H	
mm	15	7.9	173.99	8.9	20.5	58	160	8.3	T5 A
inches	(0.59)	(2.26)	(6.850)	(0.350)	(0.807)	(2.283)	(6.299)	(0.326)	
mm	16.51	4.17	215	12.5	29	-	170	6.6	T5 B
inches	(0.850)	(0.43)	(8.46)	(0.49)	(1.11)		(6.69)	(0.26)	
mm	14.60	3.56	173.99	8.9	20.44	38.1	154.49	6.6	T5 C
inches	(0.575)	(0.140)	(6.850)	(0.350)	(0.804)	(1.500)	(6.082)	(0.26)	



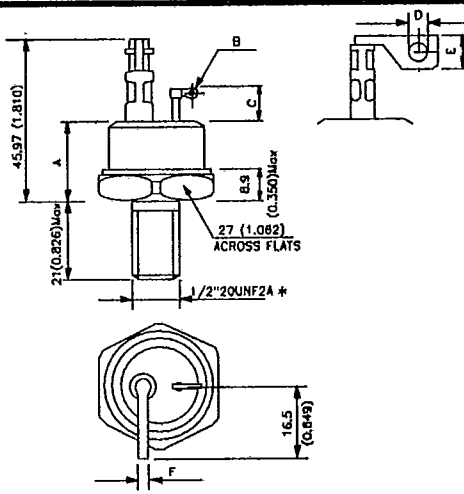
* FOR METRIC DEVICE: M12 x 1.75 F 6

	A	B	C	D	E	F	
mm	4.3	215	12.5	29	-	170	16 A
inches	(0.17)	(8.46)	(0.49)	(1.41)		(6.69)	
mm	3.56	173.99	8.9	28.57	58	152.91	76 B
inches	(0.140)	(6.850)	(0.350)	(1.125)	(2.283)	(6.020)	

Case outlines

T-25-01

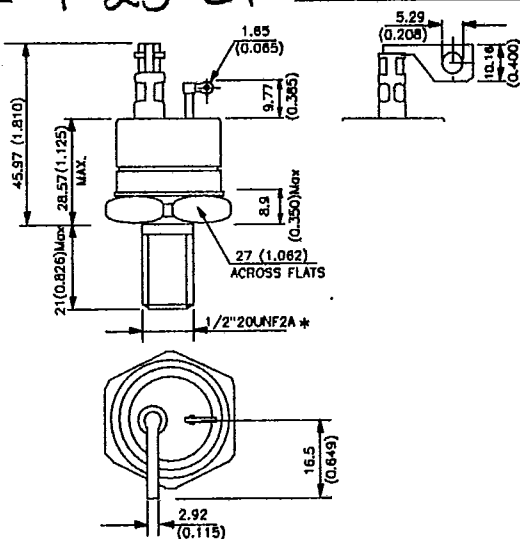
T7



* FOR METRIC DEVICE: M12 x 1.75 E 8

	A	B	C	D	E	F	
mm	20.5	1.8	9.5	5.5	10	2.3	T7 A
Inches	(0.807)	(0.07)	(0.374)	(0.22)	(0.393)	(0.090)	
mm	20.4	1.65	9.77	5.29	10.16	2.92	T7 B
Inches	(0.805)	(0.065)	(0.385)	(0.208)	(0.400)	(0.115)	

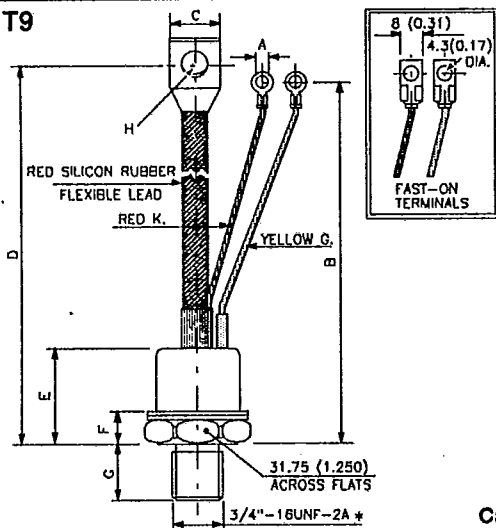
T8



* FOR METRIC DEVICE: M12 x 1.75 E 8

Case style TO-208AD (TO-83)

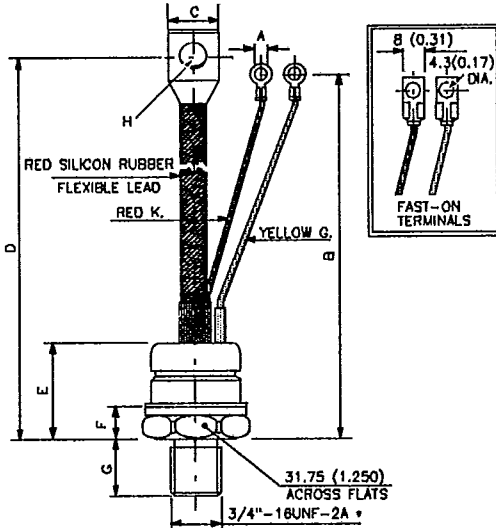
T9



* FOR METRIC DEVICE : M16 x 1.5 E 8

	A	B	C	D	E	F	G	
mm	4.3	220	19	210	38.5	16	27.5	T9 A
Inches	(0.17)	(8.66)	(0.75)	(8.26)	(1.51)	(0.63)	(1.08)	
mm	3.56	196.21	19.17	186.64	31.75	12.70	27.82	T9 B
Inches	(0.140)	(7.725)	(0.755)	(7.35)	(1.250)	(0.500)	(1.095)	

T10

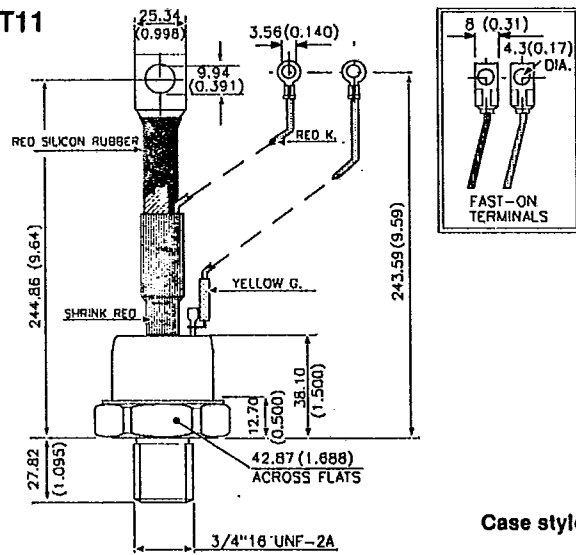


* FOR METRIC DEVICE : M16 x 1.5 E 8

	A	B	C	D	E	F	G	
mm	4.3	220	19	210	38.5	16	27.5	T10 A
Inches	(0.17)	(8.66)	(0.75)	(8.26)	(1.51)	(0.63)	(1.08)	
mm	3.56	196.21	19.17	186.64	34.29	12.70	27.82	T10 B
Inches	(0.140)	(7.725)	(0.755)	(7.35)	(1.350)	(0.500)	(1.095)	

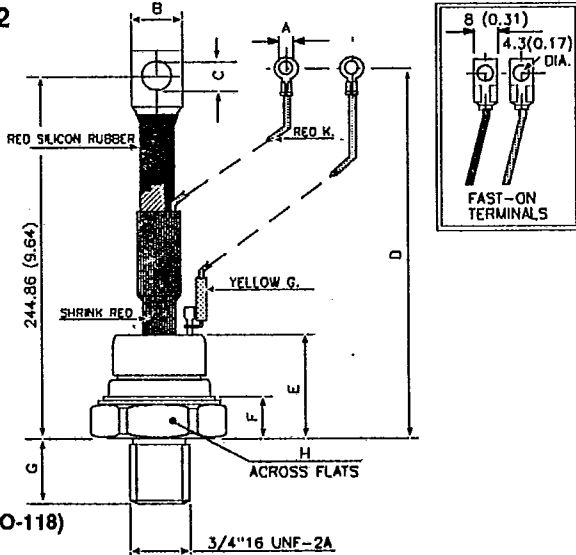
Case style TO-209AB (TO-93)

T11



Case style TO-209AE (TO-118)

T12



	A	B	C	D	E	F	G	H	
mm	4.3	22	10.5	245	47	21	27.5	45	T12 A
Inches	(0.17)	(0.866)	(0.41)	(9.64)	(1.85)	(0.82)	(1.08)	(1.77)	
mm	3.56	25.34	9.94	243.59	38.10	12.70	27.82	42.87	T12 B
Inches	(0.140)	(0.998)	(0.391)	(9.59)	(1.500)	(0.500)	(1.095)	(1.688)	

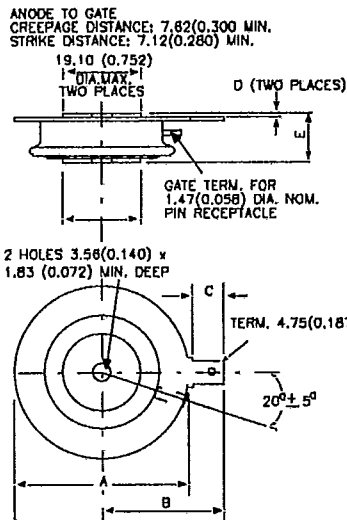
All dimensions in millimetres (inches)
Dimensions are nominal
Full engineering drawings are
available on request

Case outlines

INTERNATIONAL RECTIFIER

International
Rectifier

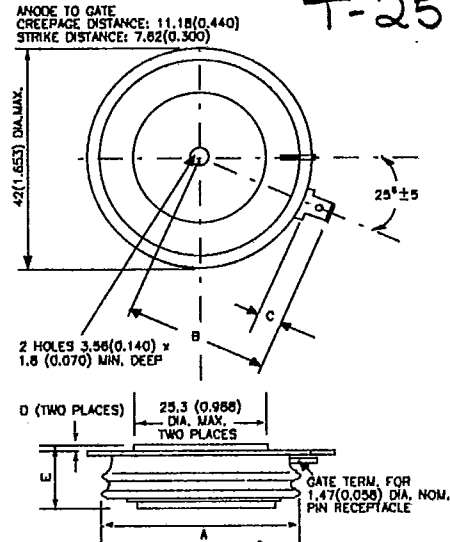
T13



	A	B	C	D	E	
mm	42	28.1	8.5	0.3	13.1/14.4	T13 A
inches	1.65	1.10	0.25	0.012	0.516/0.567	
mm	41.5	28.32	8.10	0.77	13.85/14.35	T13 B
inches	1.63	1.115	0.240	0.030	0.537/0.565	

Case style TO-200AB (A-PUK)

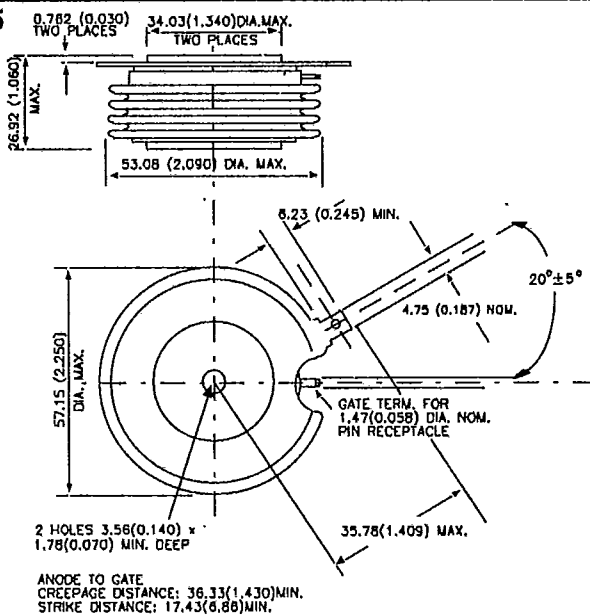
T14



	A	B	C	D	E	
mm	40.1	28.1	8.5	0.3	14.15/15.1	T14 A
inches	1.57	1.10	0.25	0.012	0.557/0.594	
mm	40.25	28.44	8.23	0.77	14.30/15.10	T14 B
inches	1.585	1.120	0.245	0.030	0.563/0.594	

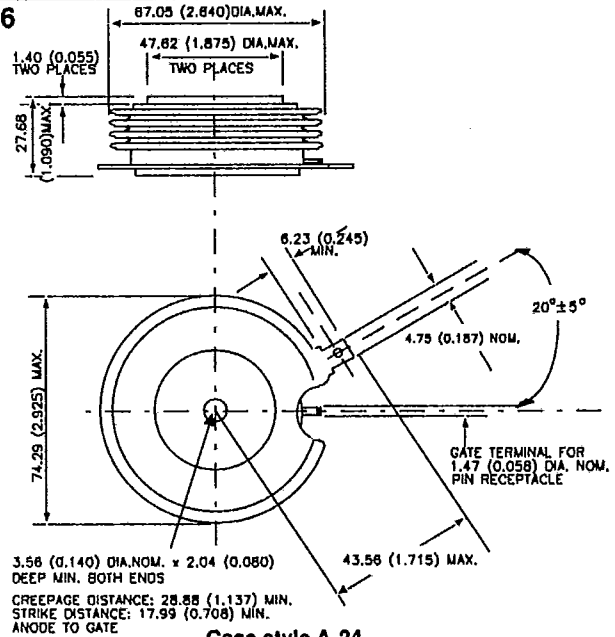
Case style TO-200AB (E-PUK)

T15



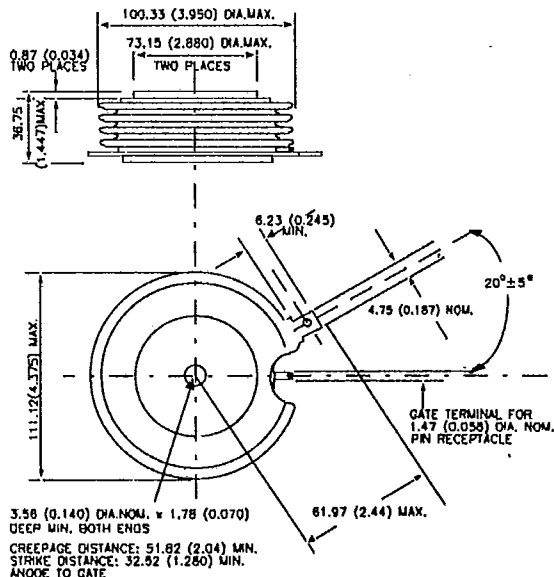
Case style TO-200AC

T16



Case style A-24

T17



Case style A-36

- All dimensions in millimetres (inches)
- Dimensions are nominal
- Full engineering drawings are available on request