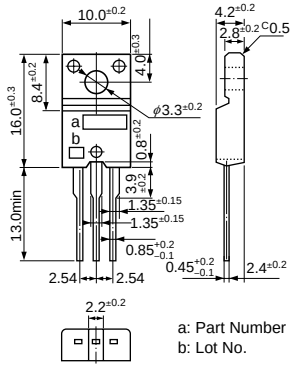
Specifications List by Part Number

Part Number	Absolute Maximum Ratings						I_{GSS}		I_{DSS}			V_{TH}			
	V_{DSS}	V_{GSS}	I_D	$I_{D\ (pulse)}$	P_D	E_{AS}		Conditions			Conditions			Conditions	
	(V)	(V)	(A)	(A)	(W)	(mJ)	(nA)	V_{GS}	(μA)		V_{DS}	(V)		V_{DS}	I_D
							max	(V)	min	max	(V)	min	max	(V)	(μA)
2SK2420	60	±20	±30	±120	40	38	±100	±20		100	60	2.0	4.0	10	250
2SK2701A	450	±30	±7	±28	35	130	±100	±30		100	450	2.0	4.0	10	1m
2SK2803	450	±30	±3	±12	30	30	±100	±30		100	450	2.0	4.0	10	1m
2SK2848	600	±30	±2	±8	30	10	±100	±30		100	600	2.0	4.0	10	250
2SK2943	900	±30	±3	±12	30	60	±100	±30		100	900	2.0	4.0	10	1m
2SK3003	200	±20	±18	±72	35	120	±100	±20		100	200	2.0	4.0	10	1m
2SK3004	250	±20	±18	±72	35	120	±100	±20		100	250	2.0	4.0	10	1m
2SK3199	500	±30	±5	±20	30	35	±100	±30		100	500	2.0	4.0	10	1m
2SK3710	60	±20	±70	±140	90	468	±10µ	±15		100	60	2.0	4.0	10	1m
2SK3711	60	±20	±70	±140	130		±10µ	+15		100	60	2.0	4.0	10	1m
2SK3800	40	±20	±70	±140	80	400	±10	±15		100	40	2.0	4.0	10	1m
2SK3801	40	±20	±70	±140	100	400	±10	±15		100	40	2.0	4.0	10	1m
EKV550	50	±20	±50	±150	85	150	±10µ	±20		100	50	3.0	4.2	10	250
FKP202	200	±30	±45	±180	40	200	±100	±30		100	200	3.0	4.5	10	1m
FKP250A	250	±30	±50	±200	85	400	±100	±30		100	250	3.0	4.5	10	1m
FKP252	250	±30	±25	±100	40	200	±100	±30		100	250	3.0	4.5	10	1m
FKP253	250	±30	±20	± 80	40	160	±100	±30		100	250	3.0	4.5	10	1m
FKP280A	280	±30	±40	±160	85	400	±100	±30		100	280	3.0	4.5	10	1m
FKP300A	300	±30	±30	±120	85	400	±100	±30		100	300	3.0	4.5	10	1m
FKP330C	330	±30	±30	±120	85	500	±100	±30		100	330	3.0	4.5	10	1m
FKV460S	40	+20, –10	±60	±180	60		+10, –5µ	+20, –10		100	40	1.0	2.5	10	250
FKV550T	50	±20	±50	±150	35	150	±10µ	±20		100	50	1.0	2.5	10	250
FKV550N	50	±20	±50	±150	35	150	±10µ	±20		100	50	3.0	4.2	10	250
FKV575	50	±20	±75	±200	40	300	±100	±20		100	50	3.0	4.5	10	250
FKV660S	60	+20, –10	±60	±180	60		+10, –5µ	+20, –10		100	60	1.0	2.5	10	250
SKP202	200	±30	±45	±180	95	200	±100	±30		100	200	3.0	4.5	10	1m
SKP253	250	±30	±20	± 80	40	160	±100	±30		100	250	3.0	4.5	10	1m

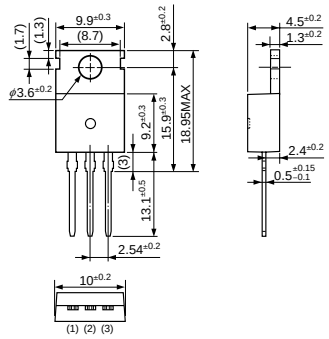
Electrical Characteristics																Package	Mass
$R_{e\ (yfs)}$		Conditions		C_{iss}	C_{rss}	Conditions		$R_{DS\ (ON)}$		Conditions				Conditions			
(S)		V_{DS}	I_D	(pF)	(pF)	V_{GS}	V_{DS}	(Ω)		V_{GS}	I_D	(Ω)		V_{GS}	I_D		(g)
min	typ	(V)	(A)	typ	typ	(V)	(V)	typ	max	(V)	(A)	typ	max	(V)	(A)		
13	20	10	15	2200		0	25	21m	28m	10	15					TO220F(FM20)	2.0
3.5	5	20	3.5	720	62	0	10	0.84	1.1	10	3.5					TO220F(FM20)	2.0
1.5	2.1	20	1.5	340	26	0	10	2.1	2.8	10	1.5					TO220F(FM20)	2.0
1.2	1.7	20	1	290	30	0	10	3	3.8	10	1					TO220F(FM20)	2.0
1.8	2.8	20	1.5	600	40	0	10	4	5	10	1.5					TO220F(FM20)	2.0
7	11	10	9	850	250	0	10	130m	175m	10	9					TO220F(FM20)	2.0
7	11	10	9	850	250	0	10	0.2	0.25	10	9					TO220F(FM20)	2.0
3.5	5.2	20	2.5	650	110	0	10	1.2	1.5	10	2.5					TO220F(FM20)	2.0
30	80	10	35	8000	1000	0	10	5m	6m	10	35					TO220S(Surface-mount)	1.5
30	80	10	35	8000	1000	0	10	5m	6m	10	35					TO3P(MT100)	6.0
30	50	10	35	5100	860	0	10	5m	6m	10	35					TO220S(Surface-mount)	1.5
30	50	10	35	5100	860	0	10	5m	6m	10	35					TO3P(MT100)	6.0
17		10	25	2000	500	0	10	12m	15m	10	25					TO220	2.0
18	28	10	22	2000	80	0	25	45m	53m	10	22					TO220F(FM20)	2.0
30	42	10	25	3800	210	0	25	37m	43m	10	25					TO3PF(FM100)	6.5
13	21	10	12	2000	70	0	25	68m	75m	10	12					TO220F(FM20)	2.0
8	17	10	10	1600	50	0	25	86m	95m	10	10					TO220F(FM20)	2.0
25	38	10	20	3800	190	0	25	46m	53m	10	20					TO3PF(FM100)	6.5
20	33	10	15	3800	180	0	25	57m	65m	10	15					TO3PF(FM100)	6.5
23	37	10	15	4600	220	0	25	50m	63m	10	15					TO3PF(FM100)	6.5
20		10	25	2800	600	0	10	7m	9m	10	25					TO220S(Surface-mount)	1.5
20		10	25	2700	500	0	10	10m	13m	10	25					TO220F(FM20)	2.0
17		10	25	2000	500	0	10	12m	15m	10	25					TO220F(FM20)	2.0
30		10	37	3200	750	0	10	7m	10m	10	37					TO220F(FM20)	2.0
20		10	25	2500	150	0	10	11m	14m	10	25					TO220S(Surface-mount)	1.5
18	28	10	22	2000	80	0	25	45m	53m	10	22					TO263(Surface-mount)	1.5
8	17	10	10	1600	50	0	25	86m	95m	10	10					TO263(Surface-mount)	1.5

Package Type (Dimensions)

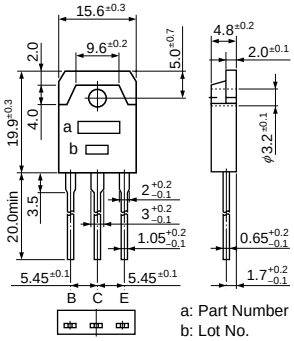
• TO-220F (FM20)



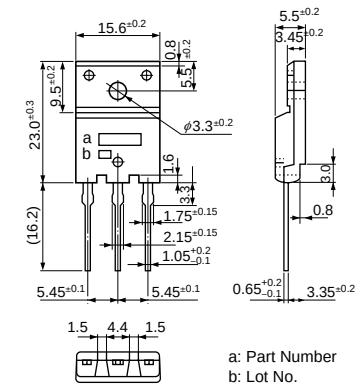
• TO-220 (MT-25)



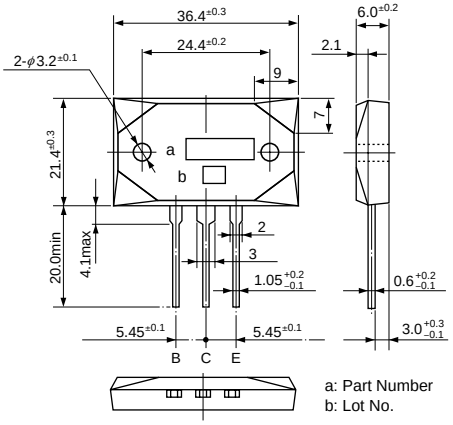
• TO-3P (MT-100)



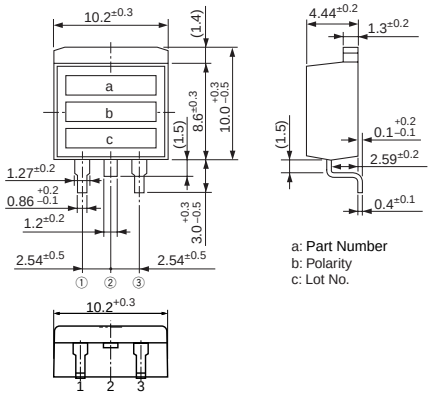
• TO-3PF (FM100)



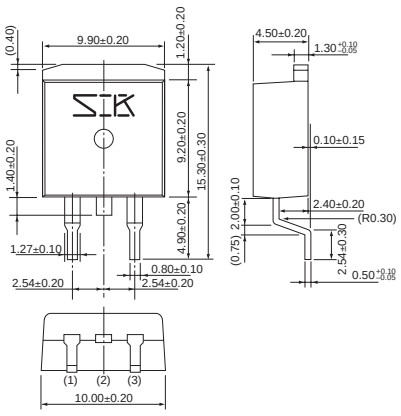
• MT-200



• TO-220S

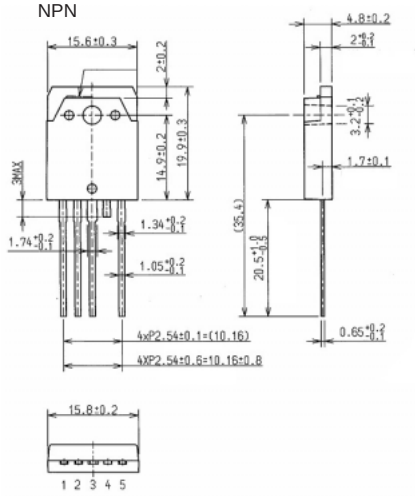


• TO-263

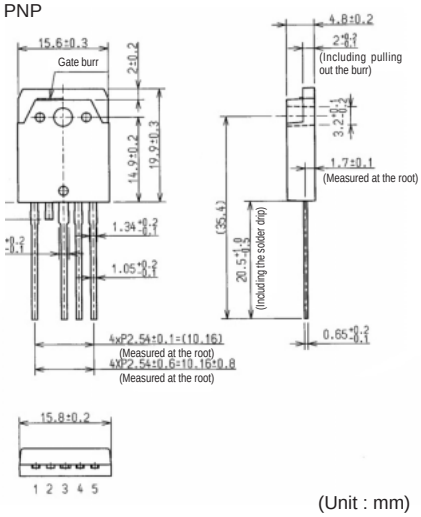


• TO3P-5Pin

NPN



PNP



(Unit : mm)

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