

Semiconductors-Discretes

Fast Recovery Rectifiers

Detailed product specifications are available on: us.100y.com.tw

2P/TO-247AD

Dim.	Millimeter		Inches	
	Min.	Max.	Min.	Max.
A	19.81	20.32	0.780	0.800
B	20.80	21.46	0.819	0.845
C	15.75	16.26	0.610	0.640
D	3.55	3.65	0.140	0.144
E	4.32	5.49	0.170	0.216
F	5.4	6.2	0.212	0.244
G	1.65	2.13	0.065	0.084
H	-	4.5	-	0.177
J	1.0	1.4	0.040	0.055
K	10.8	11.0	0.426	0.433
L	4.7	5.3	0.185	0.209
M	0.4	0.8	0.016	0.031
N	2.2	2.54	0.087	0.102

TO-220AB

TO-3

DO-201AD

DIM	Inches		mm		Note
	Min.	Max.	Min.	Max.	
A	0.283	0.374	7.20	9.50	
B	0.189	0.208	4.80	5.30	Φ
C	0.048	0.051	1.20	1.30	Φ
D	1.000	-	25.4	-	

INT-A-pak

Dimensions are in millimeters and [inches]

MAGN-A-pak

ADD-A-pak

AXIAL LEAD

CASE 267-05 ISSUE G

DIM	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.287	0.374	7.30	9.50
B	0.189	0.209	4.80	5.30
D	0.047	0.051	1.20	1.30
K	1.000	-	25.40	-

TO-220 TWO-LEAD

CASE 221B-04 ISSUE D

DIM	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.595	0.620	15.11	15.75
B	0.380	0.405	9.65	10.29
C	0.160	0.190	4.06	4.82
D	0.025	0.035	0.64	0.89
F	0.142	0.147	3.61	3.73
F	0.190	0.210	4.83	5.38
H	0.110	0.130	2.79	3.30
J	0.018	0.025	0.46	0.64
K	0.500	0.562	12.70	14.27
L	0.045	0.060	1.14	1.52
Q	0.190	0.120	2.54	3.04
R	0.080	0.110	2.04	2.79
S	0.045	0.055	1.14	1.39
T	0.235	0.255	5.97	6.48
U	0.000	0.050	0.000	1.27

AXIAL LEAD

CASE 59-10 ISSUE S

DIM	INCHES		MILLIMETERS	
	MIN	MAX	MIN	MAX
A	0.161	0.205	4.10	5.20
B	0.079	0.106	2.00	2.70
D	0.028	0.034	0.71	0.86
F	-	0.050	-	1.27
K	1.000	-	25.40	-

Part No.	Product No.	Manufacturer	Description	Pins/Package	Vrrm	IF (A)	Trr (nS)
17356	DSEI30-06A	IXYS	"IXYS"Fast Recovery Epitaxial Diode (FRED)	2P/TO-247AD	600V	37A	35ns
17312	DSEI30-10A	IXYS	IXYS_Fast Recovery Epitaxial Diode (FRED)	2P/TO-247AD	1000V	30A	35ns
37159	DSEI60-06A	IXYS	"IXYS"Fast Recovery Epitaxial Diode (FRED)	TO-247AD	600V	60A	35ns
17313	DSEI60-10A	IXYS	"IXYS"Fast Recovery Epitaxial Diode (FRED)	TO-247AD	1000V	60A	35ns
28413	DSEI8-06A	IXYS	IXYS_Fast Recovery Epitaxial Diode (FRED)	TO-220	600Vrrm	8 A	35 ns
49265	DSEP30-12A	IXYS	"IXYS"Fast Recovery Epitaxial Diode (FRED)	2P/TO-247AD	1200V	30A	40ns
36610	ESAC25-02N/02C	Fuji Elect	FAST RECOVERY DIODE	TO-220AB	200V	70A	0.4uS
40109	FMU-34R	SanKen	Fast-Recovery Rectifier Diodes	TO-3	500V	10A	0.18µs
33322	FR306	GOOD-ARK	FAST RECOVERY RECTIFIER	DO-201AD	800V	3.0A	500nS
34302	IRKD166/12	IR	STANDARD RECOVERY DIODES	INT-A-pak	1200V	165A	
34303	IRKD236/16	IR	STANDARD RECOVERY DIODES	INT-A-pak	1600V	230A	
34304	IRKD250-12	IR	STANDARD RECOVERY DIODES	MAGN-A-pak	1200V	250A	
31002	IRKD56/06A	IR	STANDARD DIODES	ADD-A-pak	600V	56A	
31234	IRKD91/16A	IR	STANDARD DIODES	ADD-A-pak	1600V	91A	
31191	IRKE320-20	IR	STANDARD RECOVERY DIODES	MAGN-A-pak	2000V	320A	
35484	MR852	ON-Semi.	Axial Lead Fast Recovery Rectifiers	Axial Lead	200V	3.0A	200ns
35486	MR856	ON-Semi.	Axial Lead Fast Recovery Rectifiers	Axial Lead	600V	3.0A	200ns
42358	MUL460RL	ON-Semi.	SWITCHMODE Power Rectifiers	Axial Lead	600V	4A	
32146	MUR1520	ON-Semi.	Ultrafast Rectifier	2P/TO-220	200V	15A	35nS
35505	MUR1540	ON-Semi.	15A 400V Ultrafast Rectifier	2P/TO-220	400V	15A	60ns
20488	MUR20040CT	MOTOROLA	High Power Super Fast Recovery	TO-244AB	400Vrrm	200A	75nS
32443	MUR2020CT	IR	Ultrafast Rectifier	TO-220AB	200V	20A	25nS
42350	MUR2100ERLG	IR	Ultrafast Rectifier	Axial Lead	1000V	2A	



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