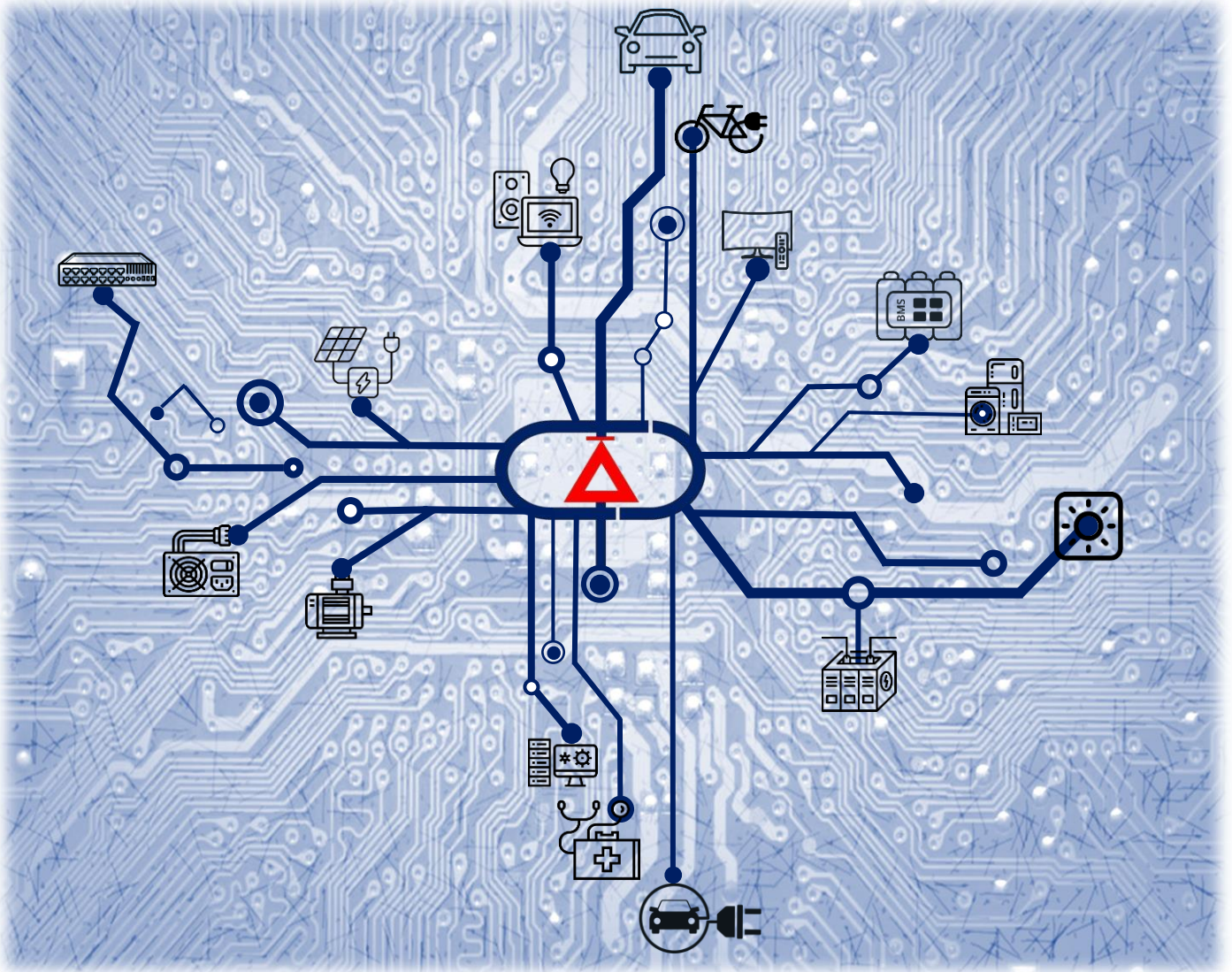


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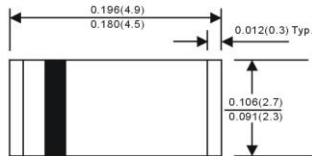
beyond boundaries...



EFFICIENT FAST RECTIFIERS

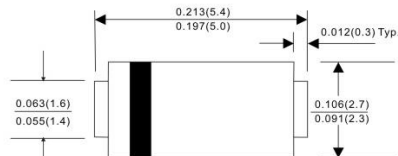
Short Form Catalogue

SMA



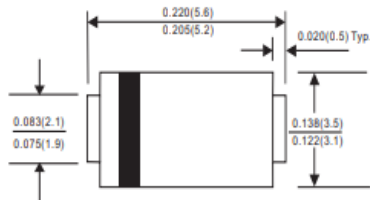
Dimensions in inches and (millimeters)

SMA-S



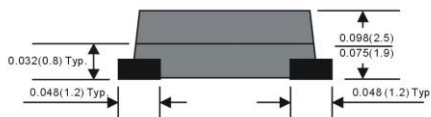
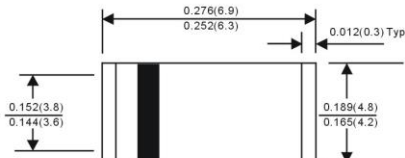
Dimensions in inches and (millimeters)

SMB-S



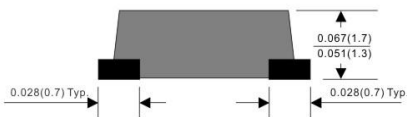
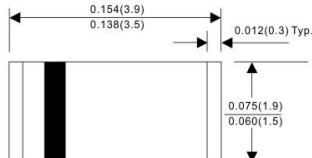
Dimensions in inches and (millimeters)

SMC



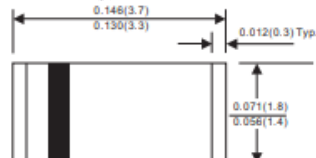
Dimensions in inches and (millimeters)

SOD-123



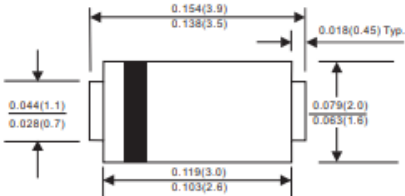
Dimensions in inches and (millimeters)

SOD-123H



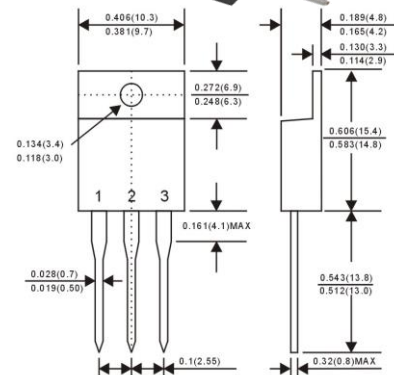
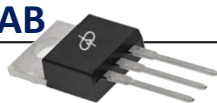
Dimensions in inches and (millimeters)

SOD-123S



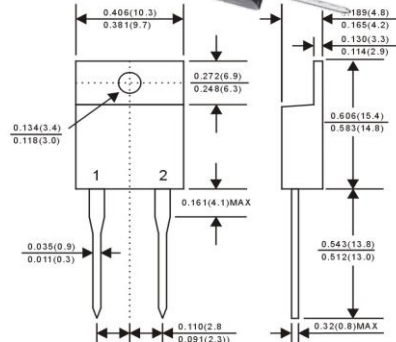
Dimensions in inches and (millimeters)

ITO-220AB



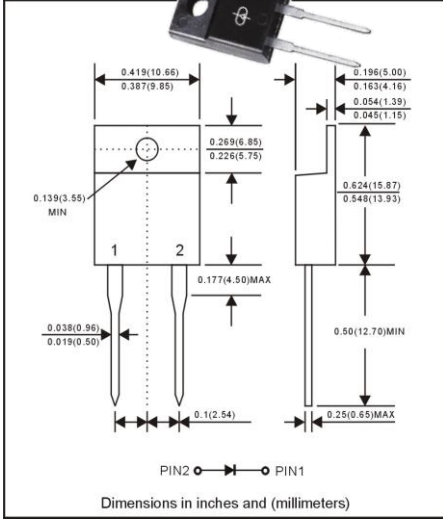
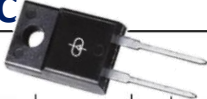
Dimensions in inches and (millimeters)

ITO-220AC

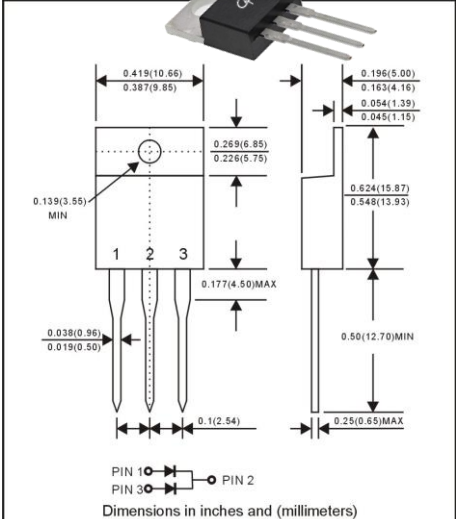
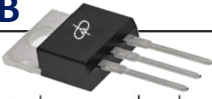


Dimensions in inches and (millimeters)

TO-220AC



TO-220AB



Alpinesemi™ Part Number	V _{RRM} (V)	I _{F(AV)} (A)	V _{F_MAX} (V)	I _{R_MAX} (μA)	t _{rr} (ns)	PACKAGE
ALPEF1005CT	50	5	0.98	5	25	TO-220AB
ALPEF1005FCT	50	5	0.98	5	25	ITO-220AB
ALPEF10A05	50	10	0.98	5	25	TO-220AC
ALPEF10A05F	50	10	0.98	5	25	ITO-220AC
ALPEF1605CT	50	8	0.98	5	25	TO-220AB
ALPEF1605FCT	50	8	0.98	5	25	ITO-220AB
ALPEF2005CT	50	10	0.98	5	25	TO-220AC
ALPEF2005FCT	50	10	0.98	5	25	ITO-220AC
ALPEF5A05	50	5	0.98	5	25	TO-220AC
ALPEF5A05F	50	5	0.98	5	25	ITO-220AC
ALPEF8A05	50	8	0.98	5	25	TO-220AC
ALPEF8A05F	50	8	0.98	5	25	ITO-220AC
ALPEGFM101	50	1	0.875	5	25	SMA
ALPEGFM101-M	50	1	0.875	5	25	SOD-123
ALPEGFM101-MH	50	1	0.875	5	25	SOD-123H
ALPEGFM101-MS	50	1	0.875	5	25	SOD-123S
ALPEGFM101-S	50	1	0.875	5	25	SMA-S
ALPEGFM201	50	2	0.875	5	25	SMA
ALPEGFM201-BS	50	2	0.875	5	25	SMB-S
ALPEGFM201-S	50	2	0.875	5	25	SMA-S
ALPEGFM301	50	3	0.875	5	25	SMC
ALPEGFM301-BS	50	3	0.875	5	25	SMB-S
ALPEF1010CT	100	5	0.98	5	25	TO-220AB
ALPEF1010FCT	100	5	0.98	5	25	ITO-220AB
ALPEF10A10	100	10	0.98	5	25	TO-220AC
ALPEF10A10F	100	10	0.98	5	25	ITO-220AC
ALPEF1610CT	100	8	0.98	5	25	TO-220AB
ALPEF1610FCT	100	8	0.98	5	25	ITO-220AB
ALPEF2010CT	100	10	0.98	5	25	TO-220AC
ALPEF2010FCT	100	10	0.98	5	25	ITO-220AC
ALPEF5A10	100	5	0.98	5	25	TO-220AC
ALPEF5A10F	100	5	0.98	5	25	ITO-220AC
ALPEF8A10	100	8	0.98	5	25	TO-220AC
ALPEF8A10F	100	8	0.98	5	25	ITO-220AC
ALPEGFM102	100	1	0.875	5	25	SMA
ALPEGFM102-M	100	1	0.875	5	25	SOD-123
ALPEGFM102-MH	100	1	0.875	5	25	SOD-123H
ALPEGFM102-MS	100	1	0.875	5	25	SOD-123S
ALPEGFM102-S	100	1	0.875	5	25	SMA-S

Alpinesemi™ Part Number	V _{RRM} (V)	I _{F(AV)} (A)	V _{F_MAX} (V)	I _{R_MAX} (μA)	t _{rr} (ns)	PACKAGE
ALPEGFM202	100	2	0.875	5	25	SMA
ALPEGFM202-BS	100	2	0.875	5	25	SMB-S
ALPEGFM202-S	100	2	0.875	5	25	SMA-S
ALPEGFM302	100	3	0.875	5	25	SMC
ALPEGFM302-BS	100	3	0.875	5	25	SMB-S
ALPEF1020CT	200	5	0.98	5	25	TO-220AB
ALPEF1020FCT	200	5	0.98	5	25	ITO-220AB
ALPEF10A20	200	10	0.98	5	25	TO-220AC
ALPEF10A20F	200	10	0.98	5	25	ITO-220AC
ALPEF1620CT	200	8	0.98	5	25	TO-220AB
ALPEF1620FCT	200	8	0.98	5	25	ITO-220AB
ALPEF2020CT	200	10	0.98	5	25	TO-220AC
ALPEF2020FCT	200	10	0.98	5	25	ITO-220AC
ALPEF5A20	200	5	0.98	5	25	TO-220AC
ALPEF5A20F	200	5	0.98	5	25	ITO-220AC
ALPEF8A20	200	8	0.98	5	25	TO-220AC
ALPEF8A20F	200	8	0.98	5	25	ITO-220AC
ALPEGFM103	200	1	0.875	5	25	SMA
ALPEGFM103-M	200	1	0.875	5	25	SOD-123
ALPEGFM103-MH	200	1	0.875	5	25	SOD-123H
ALPEGFM103-MS	200	1	0.875	5	25	SOD-123S
ALPEGFM103-S	200	1	0.875	5	25	SMA-S
ALPEGFM203	200	2	0.875	5	25	SMA
ALPEGFM203-BS	200	2	0.875	5	25	SMB-S
ALPEGFM203-S	200	2	0.875	5	25	SMA-S
ALPEGFM303	200	3	0.875	5	25	SMC
ALPEGFM303-BS	200	3	0.875	5	25	SMB-S
ALPEF1040CT	400	5	1.3	5	25	TO-220AB
ALPEF1040FCT	400	5	1.3	5	25	ITO-220AB
ALPEF10A40	400	10	1.3	5	25	TO-220AC
ALPEF10A40F	400	10	1.3	5	25	ITO-220AC
ALPEF1640CT	400	8	1.3	5	25	TO-220AB
ALPEF1640FCT	400	8	1.3	5	25	ITO-220AB
ALPEF2040FCT	400	10	1.3	5	25	ITO-220AC
ALPEF5A40	400	5	1.3	5	25	TO-220AC
ALPEF5A40F	400	5	1.3	5	25	ITO-220AC
ALPEF8A40	400	8	1.3	5	25	TO-220AC
ALPEF8A40F	400	8	1.3	5	25	ITO-220AC
ALPEGFM104	400	1	1.25	5	25	SMA
ALPEGFM104-M	400	1	1.25	5	25	SOD-123

Alpinesemi™ Part Number	V _{RRM} (V)	I _{F(AV)} (A)	V _{F_MAX} (V)	I _{R_MAX} (μA)	t _{rr} (ns)	PACKAGE
ALPEGFM104-MH	400	1	1.25	5	25	SOD-123H
ALPEGFM104-MS	400	1	1.25	5	25	SOD-123S
ALPEGFM104-S	400	1	1.25	5	25	SMA-S
ALPEGFM204	400	2	1.25	5	25	SMA
ALPEGFM204-BS	400	2	1.25	5	25	SMB-S
ALPEGFM204-S	400	2	1.25	5	25	SMA-S
ALPEGFM304	400	3	1.25	5	25	SMC
ALPEGFM304-BS	400	3	1.25	5	25	SMB-S
ALPEF1060CT	600	5	1.75	5	25	TO-220AB
ALPEF1060FCT	600	5	1.75	5	25	ITO-220AB
ALPEF10A60	600	10	1.75	5	25	TO-220AC
ALPEF10A60F	600	10	1.75	5	25	ITO-220AC
ALPEF1660CT	600	8	1.75	5	25	TO-220AB
ALPEF1660FCT	600	8	1.75	5	25	ITO-220AB
ALPEF2060CT	600	10	1.75	5	25	TO-220AC
ALPEF2060FCT	600	10	1.75	5	25	ITO-220AC
ALPEF5A60	600	5	1.75	5	25	TO-220AC
ALPEF5A60F	600	5	1.75	5	25	ITO-220AC
ALPEF8A60	600	8	1.75	5	25	TO-220AC
ALPEF8A60F	600	8	1.75	5	25	ITO-220AC
ALPEGFM105	600	1	1.75	5	25	SMA
ALPEGFM105-M	600	1	1.75	5	25	SOD-123
ALPEGFM105-MH	600	1	1.75	5	25	SOD-123H
ALPEGFM105-MS	600	1	1.75	5	25	SOD-123S
ALPEGFM105-S	600	1	1.75	5	25	SMA-S
ALPEGFM205	600	2	1.75	5	25	SMA
ALPEGFM205-BS	600	2	1.75	5	25	SMB-S
ALPEGFM205-S	600	2	1.75	5	25	SMA-S
ALPEGFM305	600	3	1.75	5	25	SMC
ALPEGFM305-BS	600	3	1.75	5	25	SMB-S
ALPFEFGM105	600	1	1.3	5	35	SMA
ALPFEFGM105-M	600	1	1.3	5	35	SOD-123
ALPFEFGM105-MH	600	1	1.3	5	35	SOD-123H
ALPFEFGM105-MS	600	1	1.3	5	35	SOD-123S
ALPFEFGM105-S	600	1	1.3	5	35	SMA-S
ALPFEFGM205	600	2	1.3	5	35	SMA
ALPFEFGM205-BS	600	2	1.3	5	35	SMB-S
ALPFEFGM205-S	600	2	1.3	5	35	SMA-S
ALPFEFGM305	600	3	1.3	5	35	SMC
ALPFEFGM305-BS	600	3	1.3	5	35	SMB-S

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1. ALPINESEMI™ Semiconductor Devices are RoHS compliant and hence customers are requested to dispose as per the prevailing Environmental Legislation put forth in their specific country.
2. In Europe, please dispose as per EU Directive 2002/96/EC on Waste Electrical and Electronic Equipment (WEEE).



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