



# 1A1G THRU 1A7G

## General Purpose Rectifier

### Features

- <] [ \ `YZ]W]YbWm`
- <] [ \ `Wi ffYbh`WUdUV]`hm`
- <] [ \ `fY`UV]`hm`
- <] [ \ `g if [Y`Wi ffYbh`WUdUV]`hm`
- @ck`dckYf`cg`
- ;`Ugg`dUgg]jUhYX`W\]d`^ i bWh]cb`
- `Gc`XYf`X]d`&+) `š 7`hU`g ž `dYf` > 9G8`&&!6%\$\*

### Mechanical Data

- Package: F!
- Ac`X]b [ `Wc a dc i bX` a Yfhg` I @` - ( `J!\$`Z`U a a UV]`hm`fUh]b [ ž`
- Fc<G!Wc a d`]Ubh ž `<U`c [Yb`ZfYY`
- Terminals: H]b`d`UhYX`YUXg ž `gc`XYfUV`Y`dYf` > !GH8!
- \$\$&`UbX` > 9G8&&!6%\$&`
- Polarity: 7c`cf`VUbX`XYbchYg`WUh`cXY`YbX

### Maximum Ratings (HU 1 &) `I b`Ygg`ch`Yf k]gY`gdYW]Z]YX`

PARAMETER	SYMBOL	UNIT	1A1G	1A2G	1A3G	1A4G	1A5G	1A6G	1A7G
8Yj]WY`a Uf_]b [ `WcXY`			%5% ;`	%5& ;`	%5` ;`	%5 ( ;`	%5) ;`	%5* ;`	%5+ ;`
AU]a i a`FYdYh]h]jY`DYU`FYjYfgY`Jc`hU[Y`	JFFA`	J`	)\$`	%%\$`	&\$`	(\$`	*\$`	,\$\$`	%%\$`
AU]a i a`FAG`Jc`hU[Y`	JFAG`	J`	)`	+\$`	%( \$`	&, \$`	(&\$`	) *\$`	+\$`
AU]a i a`87`V`cW_]b [ `Jc`hU[Y`	J87`	J`	)\$`	%%\$`	&\$`	(\$`	*\$`	,\$\$`	%%\$`
5 jYfU[Y` : cf kUfX`7 i ffYbh` 4 *\$<n`g]bY`kUjY ž `FYg]ghUbWY`cUX ž `HU`1 +` <sup>5JL</sup>		5	%`\$`						
: cf kUfX`G i f [Y`7 i ffYbh`f]Bcb!fYdYh]h]jYl` 4 *\$<n`<U`Z]g]bY`kUjY ž `WmWY ž `H`^ 1 &)	=:GA`	5	`\$`						
: cf kUfX`G i f [Y`7 i ffYbh`f]Bcb!fYdYh]h]jYl` 4 % ag ž `ge i UfY`kUjY ž `WmWY ž `H`^ 1 &)			*\$`						
7 i ffYbh`ge i UfYX`h]aY` 4 % ag@h@, `` ag`H`^ 1 &FUh]b [ `cZ`dYf`X]cXY` IB`H`	=h`	5 <sup>g</sup>	``+` )`						

			H9GH`7CB8`H`CBG	%5% ;`	%5& ;`	%5` ;`	%5 ( ;`	%5) ;`	%5* ;`	%5+ ;`
AU]a i a`]bghUbhUbYc i g` Zcf kUfX`j c`hU[Y`Xfcd`dYf`X]cXY`	J`:	J`	=: A 1`%`\$5`	%`%`						

AU — U 6U 5

%`#` ( `

\$ \* 7+58 \$ \*

v7KHUPDO &KDUDÄ7W HUL8VQDIFVV RWKHUÄLVH VSHFLILHG

3\$5\$0(7(5	6<0%2/	81,7	\$ *	\$ *	\$ *	\$ *	\$ *	\$ *	\$ *
7\SLFDO 7KHUPDO	5H5LVWDQFH								

v2UGHULQJ ,QIRQDDBQRQ

35()(5(' 3 1	3\$&.\$*( &2'()	
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## Disclaimer

H\Y]bZcf aUh]cb'dfYgYbhYX]b'g\XcWi a Ybh]g'Zcf'fYZYfYbWY'cb'MUB[ n \c i 'MUB[ ^ ]Y'9'YWhfcb]W\bc`c[m'7c" ž '@hX" fYgYf jYg'h\ f][ \h'hc' a U\_Y'W\Ub [Yg]k\c i h' bch]WY'Zcf'f'gdYW]Z]WUh]cb' cZ'f' d'f'cX i Whg'X]gd'UmYX' \YfY]b'ha'f'f'c j'Y'f'Y]UV] ]hm ž 'Z i bWh]cb]g][ b' cf'ch\Yfk]gY"....

H\Y'dfcX i Wh" ]ghYX' \Yf]g]g'XYg][ bYX'hc'VY' i gYX' k]h' \cfX]bU'f'f'Whfcb]W'Y e i]d a Ybh'cf'XY j]WYg ž 'UbX'bh'XYg][ bYX'hc'VY' h'gYX' k] Y e i]d a Ybh'cf'XY j]WYg' k \]W\ 'fY e i]fY' \][ \Y'jY' cZ'fY' ]UV]h'U'Z i bWh]cb'c]h' \' k c i 'X'X]fYWh' m'YbXUb [Yf' \ i a Ub" ]Z'f'W'g' Ug' a YX]WU' ]bghf i a Ybh'g' hfUb'gd'cfhUh]cb'Y e i]U'f'f' UYfcgdUWY' a UWY]h' ž 'b i W'YUf'f'YUWhcf'Wcbhf'g' ž'f'z i Y' Wcbh'f'c'Yfg'UbX' ch\Y'Z'f'g' XY j]WYg ž 'MUB[ ^ ]Y'cf'Ub'cb]g'c'W'U'Z ž 'Ugg i a Yg'bc'f'Ygdc'f'f'f'cf" ]UV] ]hm'Zcf'Ub'XU a U[ Y'g' i' h]b [ 'Zfc a'g i W' ] a dfcdY'gY' cZ'gU'Y"....

H\]g'd i V' ]WUh]cb'g i dYfgYXYg' YdfUWYg'U" ]bZcf aUh]cb'dfY j]c'ing i dd' ]YX" : cf'UXX]h]cbU' ]bZcf aUh]cb ž 'd'YUgY' j]g]h' c i f'f'YVg] \hhd.#k k k"&%mUb [ ^ ]Y'Wc ž 'cf'Wcbg i' h'mc i f' bYUfYgh' MUB[ ^ ]Y'g'gU'Yg'cZZ]WY'Zcf'g]g]h'U'f'WY"....

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