## / Revised record

| | | | | | |
|---|---|---|---|---|---|
| A | 2021-4-2 | all | W01 | | |
| | | | | | |
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# GBJ15005~GBJ1510

!"#"#$%!&'()"""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""""" **DATA SHEET**

## / Descriptions

50~1000V 15A GBJ

5б700"87009 7+ :";%9:< " 2+9/9 %0=" %0 ">36+7< ,?(@)(((>=A3%.7%:"BC%% D+,)?#=5;E"$72F7< !"

## / Features

8B; GH IJ>&( "

H: 76"/3%"$%9D+ :"29%2C9+"13:%:=B70 "47+ %976"436: :"$670+92=K* "$670+92"47+ %976"*70"G-H"/67 4 471969+L"

26700/927+93D"IJ>&(="M763< D"/% "$%3:C2+!"

"

## / Applications

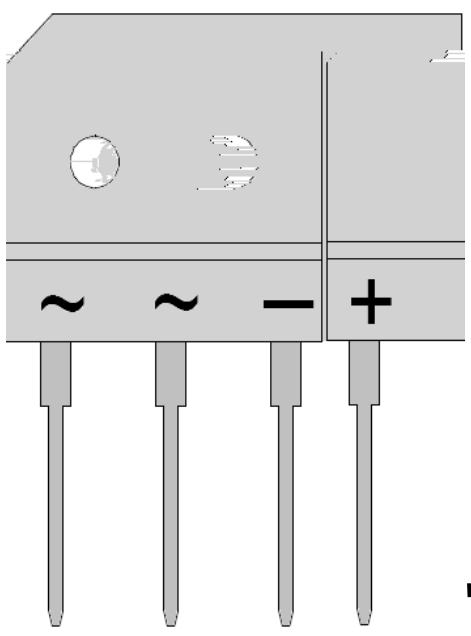
一般用途! "

5 D %76"$C%$30 !"

## / Equivalent Circuit

"

## / Pinning




"

" )""" '"""N" "J"

80P) QBR"""""80P' #B" " 80P"N #B""""80P"J QB&"

"

## / $h_{FE}$ Classifications & Marking

"

S "T7%F9D<"0D0+%C2+93D0

## / Absolute Maximum Ratings(Ta=25 )

| 87%74 + %" | SL4136 | 7+9D<" | | | | | | | GD9+" |
|---|---|---|---|---|---|---|---|---|---|
| | | 5;E" )?((?" | 5;E" )?()" | 5;E" )?('" | 5;E" )?(J" | 5;E" )?(U" | 5;E" )?(V" | 5;E" )?)(" | |
| T7W94C4" 2C%% D+"8 7F" %0 ">36+7< " | > T" | ?(" | )((" | '((" | J((" | U((" | V((" | )(((" | >" |
| T7W94C4" TS">36+7< " | > TS" | N?" | X(" | )J(" | 'V(" | J'(" | ?U(" | X((" | >" |
| T7W94C4"QB";632F9D<">36+7< " | >QB" | ?(" | )((" | '((" | J((" | U((" | V((" | )(((" | >" |
| T7W94C4"# %7< "A3%.7%:" 2+9/9 :"BC%% D+" Y.9+*"* 7+09DF"P3+ "'Z" | 0AY#>Z" | )?" | | | | | | | #" |
| 8 7F"A3%.7%:"SC%7< "BC%% D+" V!N40"S9D<6 "M76/"S9D &[7 " SC$ %"04$30 :"3D" 7+ :"H37:" YE\Q\B"T +*3:Z" | 0AST" | '((" | | | | | | | #" |
| 0'+" 7+9D<"/3%"AC09D<"Y+]V!N40Z" | 0'+" | )UU" | | | | | | | #'0" |
| KL$9276"ECD2+93D"B7$729+7D2 "8 % \6 4 D+"YP3+ )Z" | BE" | UU" | | | | | | | $A" |
| KL$9276"K* %476" 090+7D2 " YP3+ 'Z" | ^E2" | '!N" | | | | | | | ℃-[ |
| _$ %7+9D<"K 4$ %7+C% " 7D< " | K" | &??"+3"R)?(" | | | | | | | ℃" |
| S+3%7< "K 4$ %7+C% " 7D< " | K0+<" | &??"+3"R)?(" | | | | | | | ℃" |

P_K\,""

)! T 70C% :"7+")!(TMa"7D:"7$$69 :"% %0 " 36+7< "3/"J!(>"QB!"

'! Q 92 "43CD+ :"3D")?(44b)?(44b)!U44"BC"867+ "M 7+09DF!"

## 0 e4 De4

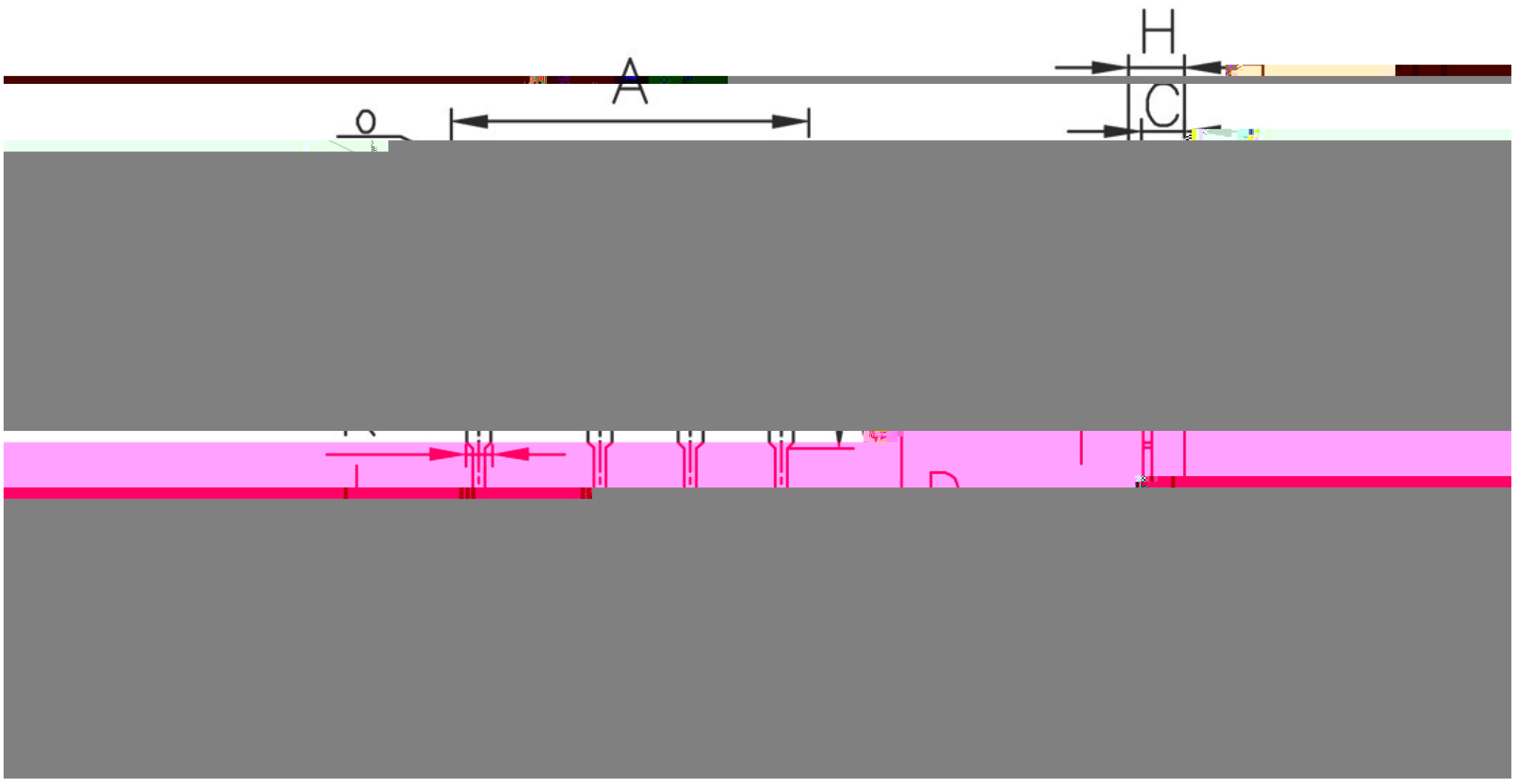
| 87%74 + %" | SL4136" | K 0+"B3D:9+93D0" | 7+9D<" | GD9+" |
|---|---|---|---|---|
| T7W94C4"A3%.7%:">36+7< " | >A" | 0AcX!?#" | )!(" | >" |
| T7W94C4"QB" %0 "BC%% D+" 7+" 7+ :"QB";632F9D<">36+7< " | 0 " | K7c'?℃" | ?!(" | d#" |
| | | K7c)'?℃" | ?((" | |

"

GBJ15005~GBJ1510
!"#"#$%!& ' ( ' )"""""""

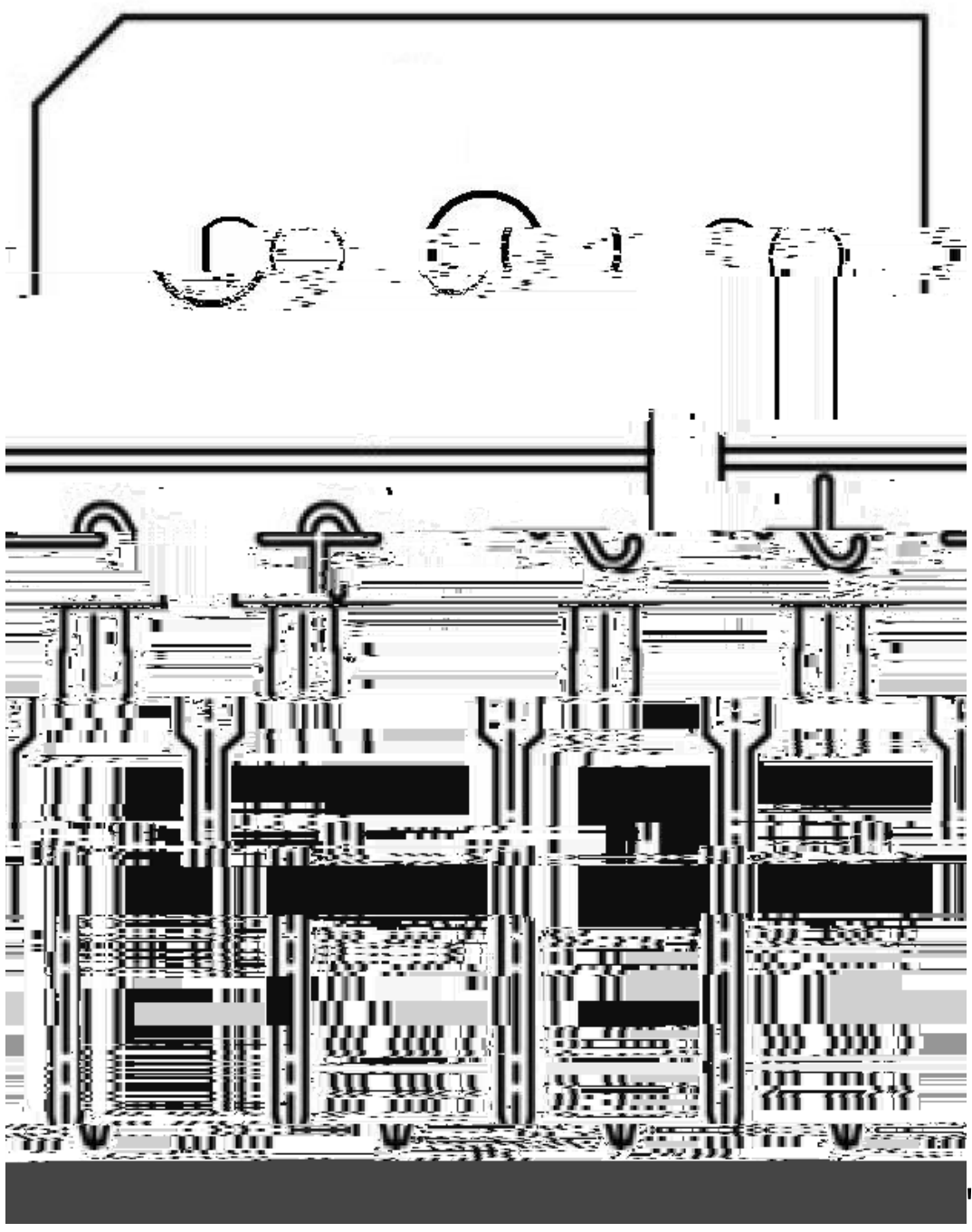
## • / Package Dimensions

GBJ Package Outline Dimensions




GBJ mechanical data

## • / Marking Instructions



GBJ15005

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Note:

5;E)?((?," " 8%3:C2+"KL$ !"

bbbb,,



-% % A

## ( ) / Temperature Profile for Dip Soldering(Pb-Free)



[redacted]

P3+ ,"

) '? )?( U( I(0 2e" )!8% * 7+9D<,'?@)?(℃="K94 ,U(@I(0 2!"

' '??±? ?±(!?0 2e" '!8 7F"K 4$!,'??±?℃="QC%7+93D,?±(!?0 2!"

N ' )(℃-0 2!" N! B33%9D<"S$ :,"'@)(℃-0 2!"

## / Resistance to Soldering Heat Test Conditions

'X(±?℃" )(±)"0 2!" K 4$!,'X(f?℃" K94 ,)(f)"0 2"

## • • / Packaging SPEC.

""-"" ;GHg"

| 872F7< "KL$ " | GD9+0 | Q94 D093D"" ""YCD9+ 44NZ" |
| --- | --- | --- |