RECTRON SEMICONDUCTOR

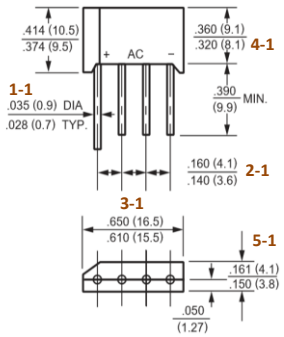
EOL Notification
Document #: RS1
Issue Date: 2020/7/6
EOL#: 2020070601RS1

Title of Change:	**RS-1 Bridge EOL**
Proposed first ship date	1-Sep-20
Contact information:	Please contact Rectron Semiconductor Sales Office or visit www.rectron.com for nearest contact information.
Samples:	Please contact Rectron Semiconductor Sales Office or visit www.rectron.com for nearest contact information. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.
Additional Reliability Data:	Please contact Rectron Semiconductor Sales Office or visit www.rectron.com for nearest contact information.
Type of notification:	This is a EOL (End Of Life) Notification sent to customers. EOL are issued 90 days prior to implementation of the change. Rectron Semiconductor will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, please visit www.rectron.com for nearest contact information
Change Part Identification:	Datasheet revision change per below
Change Category:	☐ Material ■Machine/Tooling ☐Method ☐Manufacture site ☐Man
Change Sub-Category(s):	☐Manufacturing Site Transfer ☐Material Change ■Datasheet/Product Doc change ☐Manufacturing Process Change ☐Product specific change ☐Shipping/Packaging/Marking ☐ Manufacturing Site Addition ☐Other:
Last order date for previous version	
Description and Purpose:	About RS-1 package EOL, RS-1 molding tools phased out, new KBP molding tools phase in .

Point:	Change
1.Pin width	Old max 0.9mm, min 0.7mm new max 0.86mm, min 0.76mm
2.Pin pitch	Old max 4.1m, min 3.6mm new max 3.9mm, min 3.7mm
3.Body height	Old max 16.5m, min 15.5mm new max 14.3mm, min 14.7mm
4.Body width	Old max 9.1mm, min 8.1mm new max 11.3mm, min 10.9mm
5.Body thickness	Old max 4.1mm, min 3.8mm new max 3.2mm, min 2.8mm

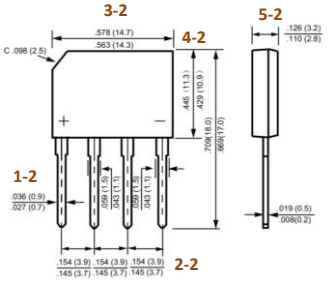
Before change Description

RS-1 package



After change Description

KBPG package



Reliability Data Summary:			
QV DEVICE NAME:			
Hi-real test	**Sample size(PC)**	**Condition**	**ACC/REJ**
High Temperature Reverse Bias	77	Ta=150℃±5℃ VR=480V. for 1000 Hrs.	ACC
Thermal Fatigue Testing	77	ON : 300 sec / Off : 300 sec for 1000 cycles	ACC
Solder resistance	77	260±5℃ for 10±2 Sec.	ACC
Thermal Shock	77	55℃±5℃/5MIN AND 150±5℃/5MIN for 100 cycles	ACC
Electrical Characteristic Summary:		Electrical characteristics are not impacted	
List of Affected Parts:		**Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this EOL are shown in the customer specific EOL addendum in the PCN email notification, or on the EOL Customized Portal.**	
EOL Part Number	**Suggest New Part Number & spec version**	**Addition**	**Mark**
RS101 RS102 RS103 RS104 RS105 RS106 RS107	**KBP2005G KBP201G KBP202G KBP204G KBP206G KBP208G KBP210G REV E**	**Including to House #**	
MDA100G MDA102G MDA106G MDA101G MDA104G MDA108G MDA110G	**KBP2005G KBP201G KBP202G KBP204G KBP206G KBP208G KBP210G REV E**	**Including to House #**	
MDA200G MDA201G MDA202G MDA204G MDA206G MDA208G MDA210G	**KBP2005G KBP201G KBP202G KBP204G KBP206G KBP208G KBP210G REV E**	**Including to House #**	

V-AE19A1
Rev:C