	N DR		EOL Notification Document #: RS-2L Issue Date: 2020/5/7 EOL#: 2020050702RS2L			
Title of Change:		RS-2L Bridge EOL				
Proposed first ship date		2020/9/7				
Contact information:		Please contact Rectron Semiconductor Sales Office or visit www.rectron.com for nearest contact information. 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.				
Samples:						
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   □Manufacturing Process Change □Product specific change □Shipping/Packaging/Marking   □ Manufacturing Site Addition □Other:				
Last order date for previous version						
Description and Purpose:		About RS-2L package EOL, RS-2L molding tools phased out, new KBP molding tools phase in .				
Point:	Change	Before change D	escription	Afte	r change Description	
1.Pin width	Old max 0.9mm, min 0.7mm new max 0.9mm, min 0.7mm	RS-2L p	ackage	KB 3-2	PG package	5-2 .126 (3.2)
2.Pin pitch	Old max 4.1m, min 3.6mm new max 3.9mm, min 3.7mm	.670	3-1	C .098 (2.5)	563 (14.3) 4-2	.110 (2.8)
3.Body height	Old max 18m, min 17mm new max 14.7mm, min 14.3mm	<u>.566 (14.4)</u> .528 (13.4) +	AC -		45 (11.3) 429 (10.9)	
4.Body width	Old max 13.4mm, min 12.4mm new max 11.3mm, min 10.9mm			+		
5.Body thickness	Old max 6.6mm, min 6.1mm new max 3.2mm, min 2.8mm	$\begin{array}{c} \text{DIA} \underbrace{\begin{array}{c} .035(0,0) \\ .028(0,7) \end{array}}_{1-1} \\ 1-1 \\ \underbrace{\begin{array}{c} 125 \\ (3,2) \end{array}}_{1} \\ \underbrace{\begin{array}{c} 125 \\ (3,2) \end{array}}_{1} \\ \underbrace{\begin{array}{c} 0 \\ .028 \end{array}}_{1} \\ \underbrace{\begin{array}{c} 0 \end{array}}_{1} \\ \\ \underbrace{\begin{array}{c} 0 \\$	-787 (20.0) MN.     -2.1 (160 (4.1) (140 (3.6))	1-2 	1   ↓	019 (0.5) 008(0.2)

Reliability Data Summary:							
QV DEVICE NAME:							
Hi-real test	Sample size( PC)	Condition	ACC/REJ				
High Temperature Reverse Bias	77	Ta=150°C±5°C 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°C±5°C/5MIN AND 150±5°C/5MIN for 100 cycles	ACC				
Electrical Characteristic		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.					
	Suggest New Part Number						
RS201L RS202L RS204L RS203L RS205L RS206L RS207L	KBP2005G KBP201G KBP202G KBP204G KBP206G KBP208G KBP210G REV E	Including to House #					

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