

| | |
|--------------------------------------|---|
| Title of Change: | Rectron WOM package PCN |
| Proposed first ship date | |
| 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 Final Product/Process Change Notification (FPCN) sent to customers. FPCNs 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: | Model unchanged |
| Change Category: | <input type="checkbox"/> Material <input checked="" type="checkbox"/> Machine/Tooling <input type="checkbox"/> Method <input type="checkbox"/> Manufacture site <input type="checkbox"/> Man |
| Change Sub-Category(s): | <input type="checkbox"/> Manufacturing Site Transfer <input type="checkbox"/> Material Change <input checked="" type="checkbox"/> Datasheet/Product Doc change <input type="checkbox"/> Manufacturing Process Change <input type="checkbox"/> Product specific change <input type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Manufacturing Site Addition <input type="checkbox"/> Other: |
| Last order date for old parts | |
| Description and Purpose: | About Rectron WOM package , old molding tools phased out, new molding tools phase in . |

| Point: | Change | Before change Description | After change Description |
|---------------|--|---------------------------|--------------------------|
| 1.Body height | Old max 7.4mm, min 9.5mm new max 3.8mm, min 3.3mm | | |
| 2.Body length | Old max 10mm, min 9.5mm new max 9.1mm, min 8.6mm | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

| 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°C 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 PCN are shown in the customerspecific PCN addendum in the PCN email notification, or on the PCN Customized Portal. | | |
| Part Number | | Addition | Mark |
| W005M W01M W02M W04M W06M W08M W10M | | Including to House # | |
| 2W10G | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |
| | | Including to House # | |