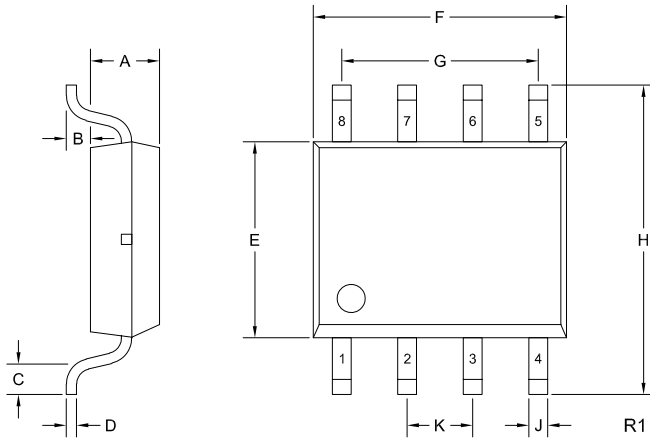


CWDM3011N

**SURFACE MOUNT SILICON
N-CHANNEL
ENHANCEMENT-MODE
MOSFET**



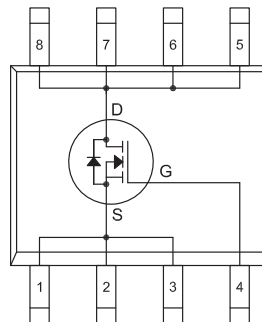
SOIC-8 CASE - MECHANICAL OUTLINE



| SYMBOL | INCHES | | MILLIMETERS | |
|--------|--------|-------|-------------|-------|
| | MIN | MAX | MIN | MAX |
| A | 0.055 | 0.061 | 1.392 | 1.554 |
| B | 0.004 | 0.009 | 0.100 | 0.224 |
| C | 0.016 | 0.035 | 0.40 | 0.90 |
| D | 0.007 | 0.010 | 0.19 | 0.25 |
| E | 0.145 | 0.157 | 3.80 | 4.00 |
| F | 0.189 | 0.198 | 4.80 | 5.00 |
| G | 0.150 | | 3.81 | |
| H | 0.228 | 0.244 | 5.80 | 6.20 |
| J | 0.013 | 0.020 | 0.33 | 0.51 |
| K | 0.050 | | 1.27 | |

SOIC-8 (REV: R1)

PIN CONFIGURATION



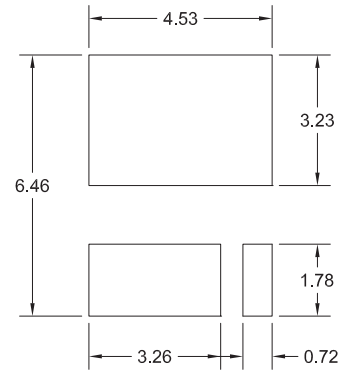
LEAD CODE:

- 1) Source 5) Drain
- 2) Source 6) Drain
- 3) Source 7) Drain
- 4) Gate 8) Drain

MARKING CODE: C3011N

SUGGESTED MOUNTING PADS

(Dimensions in mm)



R0

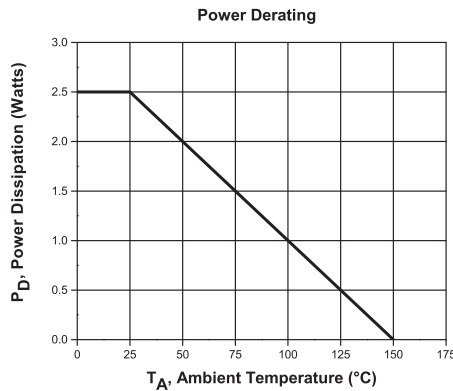
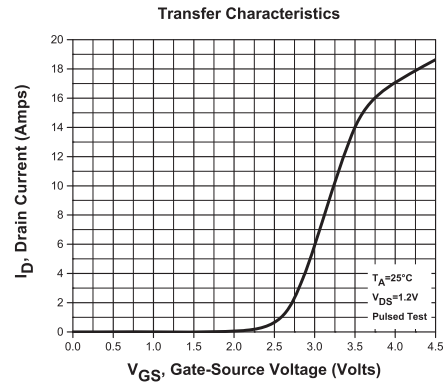
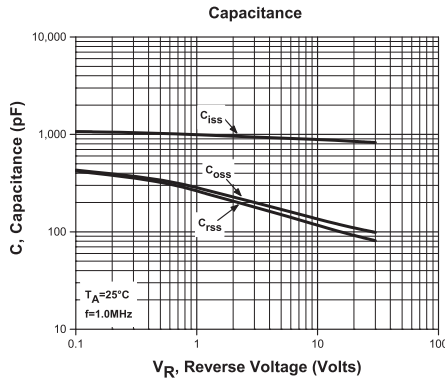
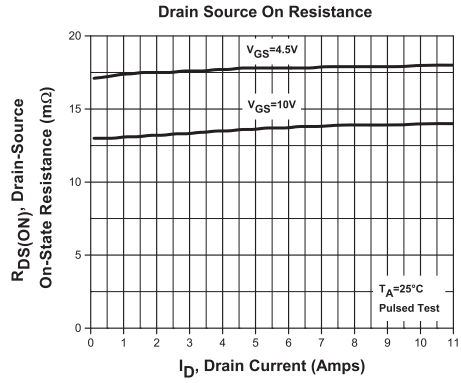
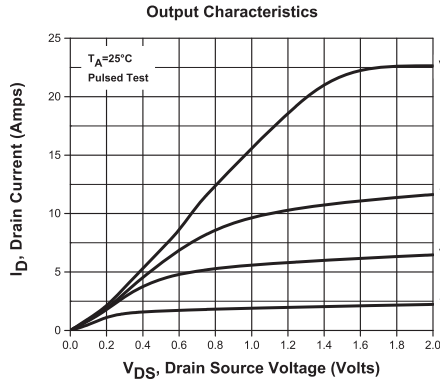
R2 (10-August 2018)

CWDM3011N

SURFACE MOUNT SILICON
N-CHANNEL
ENHANCEMENT-MODE
MOSFET



TYPICAL ELECTRICAL CHARACTERISTICS



R2 (10-August 2018)

OUTSTANDING SUPPORT AND SUPERIOR SERVICES



PRODUCT SUPPORT

Central's operations team provides the highest level of support to insure product is delivered on-time.

- Supply management (Customer portals)
- Inventory bonding
- Consolidated shipping options
- Custom bar coding for shipments
- Custom product packing

DESIGNER SUPPORT/SERVICES

Central's applications engineering team is ready to discuss your design challenges. Just ask.

- Free quick ship samples (2nd day air)
- Online technical data and parametric search
- SPICE models
- Custom electrical curves
- Environmental regulation compliance
- Customer specific screening
- Up-screening capabilities
- Special wafer diffusions
- PbSn plating options
- Package details
- Application notes
- Application and design sample kits
- Custom product and package development

REQUESTING PRODUCT PLATING

1. If requesting Tin/Lead plated devices, add the suffix "TIN/LEAD" to the part number when ordering (example: 2N2222A TIN/LEAD).
2. If requesting Lead (Pb) Free plated devices, add the suffix "PBFREE" to the part number when ordering (example: 2N2222A PBFREE).

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