

PRODUCT CHANGE NOTICE

| | | |
|---|--|--|
| 1. TITLE Hybrid PN, Ordering Detail | | 2. DOCUMENT NUMBER FV5-C-19-0006 |
| | | 3. DATE October 18, 2018 |

| | |
|--|---|
| 4. MANUFACTURER AND ADDRESS International Rectifier HiRel Products, Inc 2520 Junction Ave San Jose, CA 95134 | 5. MANUFACTURER PART NUMBER General |
| | 6. BASE PART NA |
| | 7. NATIONAL STOCK NUMBER (NSN) NA |

| | | |
|-------------------------|--|------------------------------------|
| 8. CAGE 52467 | 9. EFFECTIVE DATE October 18, 2018 | 10. GOVERNMENT NUMBER NA |
|-------------------------|--|------------------------------------|

| | |
|---|--|
| 11. POINT OF CONTACT Manufacturer's Representative or Account Specialist (978) 534-5776 | 12. DRAWING NUMBER NA |
| | 13. SPECIFICATION NUMBER MIL-PRF-38534 |

14. PRODUCT CHANGE

International Rectifier HiRel Products, Inc. offers a variety of hermetic hybrid DC-DC converters under the following models: ARE, ARA, GH, GHP, GHN, LS, LSO, M3GB, M3N, S. The model designator is typically the first letters of the specific part number the customer may order (such as M3GB2805S/CKA).

The part number nomenclature designates the model, the configuration of the part as well as the screening level such as engineering model (/EM suffix) or flight model (/CK suffix) in reference to MIL-PRF-38534 Class K. The datasheet for these products may also have included part numbers with "no suffix" as the screening level which indicated the same screening level as the Class K per the datasheet screening table or "NK" in place of "CK".


Effective immediately, for the models listed above, IR HiRel will only quote and take orders for the part number using the /EM suffix as engineering models or the /CK suffix as the flight model. The part number using the /CK suffix has the same or better quality level as the part number with no suffix. Product datasheets will be updated overtime to remove the part numbers with no suffix. See below for example of part number nomenclature with screening level suffix.

Part Number Nomenclature

M3GB 28 05 S /CK R A

| | | | |
|------------------------------|-------|------------------------------------|-------|
| Model | _____ | Lead finish | _____ |
| Nominal Input Voltage | _____ | C = Gold Plated (/CK) | |
| 100 = 100V | | A = Solder Dipped (/CK) | |
| 28 = 28V | | Blank = Based on availability (EM) | |
| Output Voltage | _____ | Radiation Assurance Level | _____ |
| 15 = 15V | | Blank = not applicable | |
| 12 = 12V | | R = 100 krad(Si) TID | |
| 05 = 5V | | | |
| 03R3 = 3.3V | | | |
| Output | _____ | Screening Level | _____ |
| S = Single | | EM, CK | |
| D = Dual | | See device screening above | |

| | | |
|-----------------------------------|--|--|
| 16. APPROVING GOVERNMENT ACTIVITY | | |
|-----------------------------------|--|--|

| | | |
|--|--|-------------------------------------|
| 17. GIDEP REPRESENTATIVE Paul Hebert | 18. SIGNATURE  | 19. DATE October 18, 2018 |
|--|--|-------------------------------------|