

**M1Da**

- " **Pg** : SMAF  
Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, halogen-free
- " **ni** : Tin plated leads, solderable per J-STD-002 and JESD22-B102
- " **Pp** Cathode line denotes the cathode end

**M1g**

(Ta=25 - Unless otherwise specified Å

| PARAMETER                                                                        | BOL  | NIT | H2AF | H2BF | H2DF | H2GF | H2JF | H2KF | H2MF |
|----------------------------------------------------------------------------------|------|-----|------|------|------|------|------|------|------|
| Device marking code                                                              |      |     | H2AF | H2BF | H2DF | H2GF | H2JF | H2KF | H2MF |
| Maximum Repetitive Peak Reverse Voltage                                          | VRRM | V   | 50   | 100  | 200  | 400  | 600  | 800  | 1000 |
| Maximum RMS Voltage                                                              | VRMS | V   | 35   | 70   | 140  | 280  | 420  | 560  | 700  |
| Maximum DC blocking Voltage                                                      | VDC  | V   | 50   | 100  | 200  | 400  | 600  | 800  | 1000 |
| Average rectified output current<br>@60Hz sine wave, resistance load, TL (Fig.1) | IO   | A   | 2.0  |      |      |      |      |      |      |
| Forward Surge Current (Non-repetitive)<br>@60Hz Half-sine wave, 1 cycle, Tj=25 - | IFSM | A   | 50   |      |      |      |      |      |      |



## H2AF H2BF H2DF H2GF H2JF H2KF H2MF

**VCb**

ÄT<sub>a</sub>=25 - Unless otherwise specified Ä

| PARMEER | BOL | NIT | H2AF | H2BF | H2DF | H2GF | H2JF | H2KF | H2MF |
|---------|-----|-----|------|------|------|------|------|------|------|
|---------|-----|-----|------|------|------|------|------|------|------|

# H2AF THRU H2MF

## Ordering Information (Example)

| PREFERED P/N | PACKING CODE | UNIT WEIGHT(g)    | MINIMUM PACKAGE(pcs) | INNER BOX QUANTITY(pcs) | OUTER CARTON QUANTITY(pcs) | DELIVERY MODE |
|--------------|--------------|-------------------|----------------------|-------------------------|----------------------------|---------------|
| H2AF-H2MF    | F1           | Approximate 0.034 | 3000                 | 24000                   | 96000                      | 7" reel       |
| H2AF-H2MF    | F2           | Approximate 0.034 | 10000                | /                       | 160000                     | 13" reel      |
| H2AF-H2MF    | F3           | Approximate 0.034 | 10000                | /                       | 120000                     | 13" reel      |
| H2AF-H2MF    | F4           | Approximate 0.034 | 7500                 | /                       | 120000                     | 13" reel      |

## Outline Dimensions

| SMAF |      |      |
|------|------|------|
| Dim  | Min  | Max  |
| A    | 2.40 | 2.80 |
| B    | 1.35 | 1.45 |
| C    | 3.40 | 3.60 |
| D    | 4.40 | 4.80 |
| E    | 1.05 | 1.25 |
| F    | 0.50 | 1.00 |
| G    | 0.15 | 0.22 |

•• Ws ,€ cgf 6vg8-4—g,s2vl8fbft,, %oÒ ...w1h! 4 x,, t,,qH,, e 0q 0.50" TQC 1.00KPC € %o~žC

cf†fTÄv L7a\$cg f7cv~Ws



| H2AF |             |
|------|-------------|
| Dim  | Millimeters |
| P1   | 6.50        |
| P2   | 4.00        |
| P3   | 1.50        |
| Q1   | 2.50        |
| Q2   | 1.70        |

Dimensions in millimeters



## H2AF 18H2MF

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### D1n

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