## HiPerFRED²

## High Performance Fast Recovery Diode Low Loss and Soft Recovery Parallel legs

Part number
DPF $240 \times 400$ NA


## Applications:

- Antiparallel diode for high frequency switching devices
- Antisaturation diode
- Snubber diode
- Free wheeling diode
- Rectifiers in switch mode power supplies (SMPS)
- Uninterruptible power supplies (UPS)
$V_{\text {RRM }}=400 \mathrm{~V}$
$\mathrm{I}_{\mathrm{FAV}}=2 \mathrm{x} 120 \mathrm{~A}$
$\mathrm{t}_{\mathrm{rr}}=8 \quad 45 \mathrm{~ns}$



## Package:

ME72873

- Housing: SOT-227B (minibloc)
- Industry standard outline
- Cu base plate internal DCB isolated
- Isolation Voltage 3000 V
- Epoxy meets UL 94V-0
- RoHS compliant
- Avalanche voltage rated for reliable operation
- Soft reverse recovery for low EMI/RFI
- Low Irm reduces:
- Power dissipation within the diode
- Turn-on loss in the commutating switch

Ratings



## Part number

## Product Marking



Assembly Line

D = Diode
P = HiPerFRED
$F=$ ultra fast
240 = Current Rating [A]
$\mathrm{X}=$ Parallel legs
$400=$ Reverse Voltage [V]
NA = SOT-227B (minibloc)

| Ordering | Part Name | Marking on Product | Delivering Mode | Base Qty | Code Key |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Standard | DPF $240 \times 400$ NA | DPF240X400NA | Tube | 10 | 499554 |

Outlines SOT-227B (minibloc)


