

Product Detail

Part Num:

Description:

Configuration:

Package Style:

Status:

DSEP30 -03AS

HiPerFREDâ„¢ Diodes

Single

TO-263

Active/New Product: New product introduced within the last 12 -18 months.

| Parameter | DSEP30 -03AS |
|--------------------------------|--------------|
| VRRM, (V) | 300 |
| IFAVM, d = 0.5, Total, (A) | 30 |
| IFAVM, d = 0.5, Per Diode, (A) | 30 |
| @ TC, (Â°C) | 135 |
| IFRMS, (A) | 70 |
| IFSM, 10 ms, TVJ=45Â°C, (A) | 300 |
| VF, max, TVJ =150Â°C, (V) | 1.02 |
| @ IF, (A) | 30 |
| trr, typ, TVJ =25Â°C, (ns) | 35 |
| IRM , typ, TVJ =100Â°C, (A) | 3 |
| @ -di/dt, (A/Âµ s) | 200 |
| TVJM, (Â°C) | 175 |
| RthJC, max, (Â°C/W) | 0.85 |