

# Product Detail

**Part Num:** DSEP30 -03AS  
**Description:** HiPerFREDâ„¢ Diodes  
**Configuration:** Single  
**Package Style:** TO-263  
**Status:** 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/Âµs)	200
TVJM, (Â°C)	175
RthJC, max, (Â°C/W)	0.85