



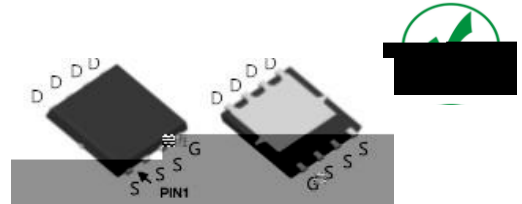
**Product Summary**

The ZMS035N08HN combines advanced trench MOSFET technology with a low resistance package to provide extremely low  $R_{DS(ON)}$ .

device constructure  
 $R_{DS(ON)}$  to minimize conduction loss



Synchronous Rectification for AC-DC/DC-DC converter  
Oring switches  
Power Tools



Part NO.	ZMS035N08HN
Marking	ZMS035N08H
Packing Information	REEL TAPE
Basic ordering unit (pcs)	3000

**$T_C = 25$**

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	$V_{DS}$	80	V
Gate-Source Voltage	$V_{GS}$	$\pm 20$	V
Continuous Drain Current	$I_{D@TC=25}$	140	A
	$I_{D@TC=75}$	106.4	A
	$I_{D@TC=100}$	88.2	A
Pulsed Drain Current	$I_{DM}$	320	A
Total Power Dissipation( $TC=25$ )	$P_D@TC=25$	150	W
Operating Junction Temperature	$T_J$	-55 to 150	
Storage Temperature	$T_{STG}$	-55 to 150	
Single Pulse Avalanche Energy@ $L=0.1mH$	$E_{AS}$	125	mJ
Avalanche Current@ $L=0.1mH$	$I_{AS}$	50	A



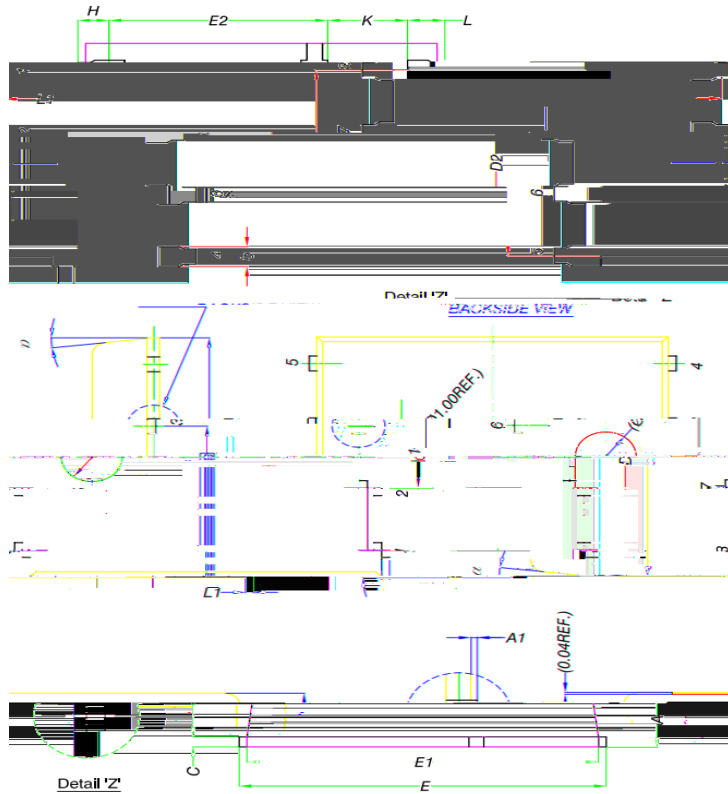






(DFN5\*6)

Unit mm



MILLIMETERS

D1	4.80	4.90	5.00
D2	3.67	3.87	3.96
E1	5.90	6.00	6.10
e	1.27	RSC	
H	0.41	0.51	0.61
K	1.10		
L	0.51	0.61	0.71
D	0.76	0.51	0.61
REF. 1.25	12°		