YZPST-CB35MP/N-Ni/NS

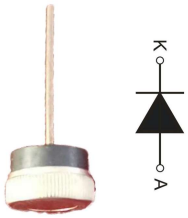
RECTIFIER AVALNCHE

FEATURES:

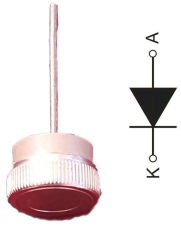
a、Adopt a vacuum solder techniques with one-step soldering Technology. High Soldering Lug welds temperature, Good Consistency of Max. Forward Voltage Drop and Low △VF Dispersion coefficient.
b、 Epoxy molded packages. Good hermetic closure, and strong resistance against bending, tension, humidity.
c、O/J CHIP. Good consistency of Forward and Reverse feature, effective utilization of silicon area, small high temperature leaking Currency and good capacity of reverse surge current.
d、Apply to each field Automotive Rectifiers Extensively.
e、Replacement of LUCAS Type diodes.

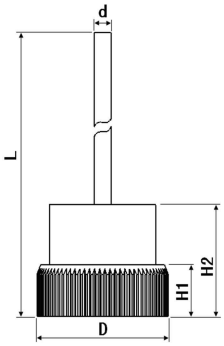
Drawing and Dimension

CB35MN
N: CATHODE ON LEAD WIRE



CB35MP
P: ANODE ON LEAD WIRE





sym	Size （mm）
L	30±0.5
D	10.1+/-0.02
d	Φ1.30
H1	3.7
H2	8.0

ELECTRICAL CHARACTERISTICS

CHARACTERISTIC	SYM	UNIT	TYPE
			YZPST-CB35MP/N
Max. Average Forward current (T_C =170℃)	IF (AV)	A	35
Max. Peak, One-cycle forward, non-repetitive surge current	IFSM	A	400
Max. Forward Voltage Drop (I_F=100A, T_C=25℃)	VFM	V	1.1
Max. Repetitive Reverse Peak Voltage	VRRM	V	25~29
Maximum reverse leakage current (VR=VRRM, TC=25℃)	IRRM1	μA	1
Maximum reverse leakage current (VR=VRRM,TC=175℃)	IRRM2	μA	800
△V_F Disperse Coefficient	(max-average)/ average		≤15%
Max. Thermal Resistance, Junction to case	R_{thjc}	℃/W	≤0.8
Storage temperature Range	Tstg	℃	-40～200
Junction Temperature	Tjm	℃	200

Note: DEVICE CODE: P= ANODE ON LEAD WIRE, N= CATHODE ON LEAD WIRE
Ni--Plated Ni;NS---Plated Ni and Sn

Ni:Copper Nickel 2~8 mincron NS:Tin plating 2~8 mincron after Nickel

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