MSD202

SPECIFICATION

1. SCOPE.

THE PRESENT SPECIFICATION SHALL ONLY APPLY TO A.W.I. DIODE TYPE MSD202.

2. CONSTRUCTION AND APPEARANCE.

2.1 CONSTRUCTION : RESIN MOULDED.
2.2 OUTLINE DRAWING : REFER TO ITEM 6.
2.3 MARKING : REFER TO ITEM 6.

No.	Description	Symbol	Ratings	Unit	Conditions
1	Peak Reverse Voltage	VRM	10	kV	
2	Reverse Surge Current	IRSM	200	mA	Wp=300μs,Rectangular-wave, Peak Value, 1 Shot, Ta=25℃
3	Average Forward Current	Io	(*) 400	mA	50/60Hz Sine Half-wave, Average Value.Ta=60℃
4	Forward Surge Current	IFSM	30	A	50Hz Sine Half-wave, Peak Value, 1 Shot, Ta=25℃
5	Storage Temperature	Tstg	-40~+130	℃	
6	Junction Temperature	Tj	130	℃	

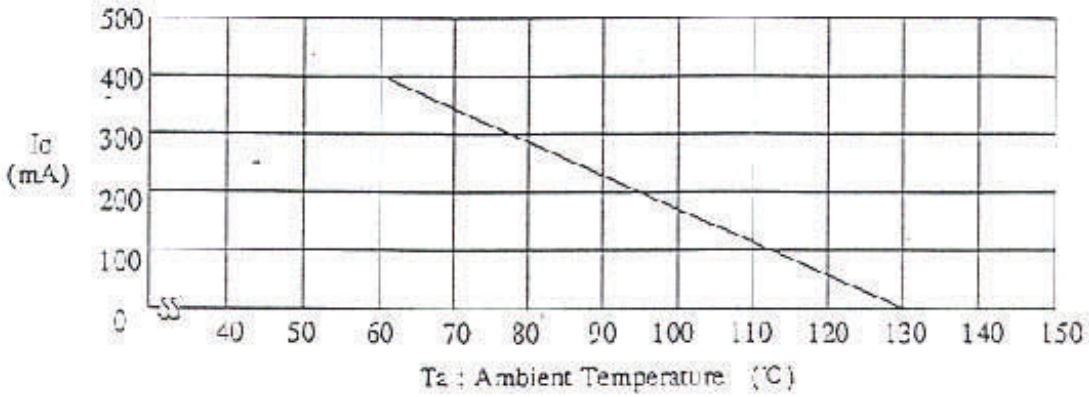
(*) : DERATING, SEE ITEM 5.
CATHODE TERMINAL SHALL BE ATTACHED TO RADIATING FIN.
(FIN SIZE IS MORE THAN 50mm X 50mm X 0.6mm, Fe)
COOLING AIR VELOCITY SHALL BE MORE THAN 1.0 m/s.

No.	Description	Symbol	Ratings	Unit	Conditions
1	Forward Voltage Drop	VF	10max.	V	IF=350mA
2	Reverse Leakage Current	IR	10max.	μA	VR=10kV
3	Reverse Breakdown Voltage	VZ	12min.	kV	IR=100μA

DATE ISSUED :

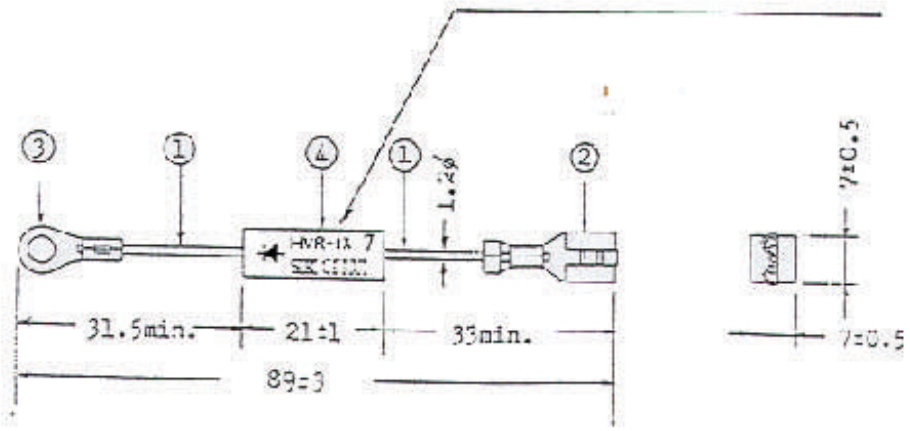
ISSUED BY :

5. DERATING



6. OUTLINE DRAWING AND MATERIAL LIST.

TYPE NAME EXCEPTED LAST TWO CHARACTERS, LOT NO, POLARITY, VENDER'S MARK WILL BE PRINTED WITH WHITE INK ON A SIDE IN FOUR FACES.



PARTS MATERIAL

No.	Part Name	Material and Type Name
①	Lead Wire	Ag clad Cu wire
②	Anode Terminal	170213-2 JAPAN AMP CO.,LTD. or Equivalent
③	Cathode Terminal	1.25 M4 JAPAN SOLDERLESS TERMINAL MFG Co.,LTD. or 40517 or 41136 JAPAN AMP CO.,LTD.
④	Molding Resin	Epoxy Resin Equivalent to UL94 V-0