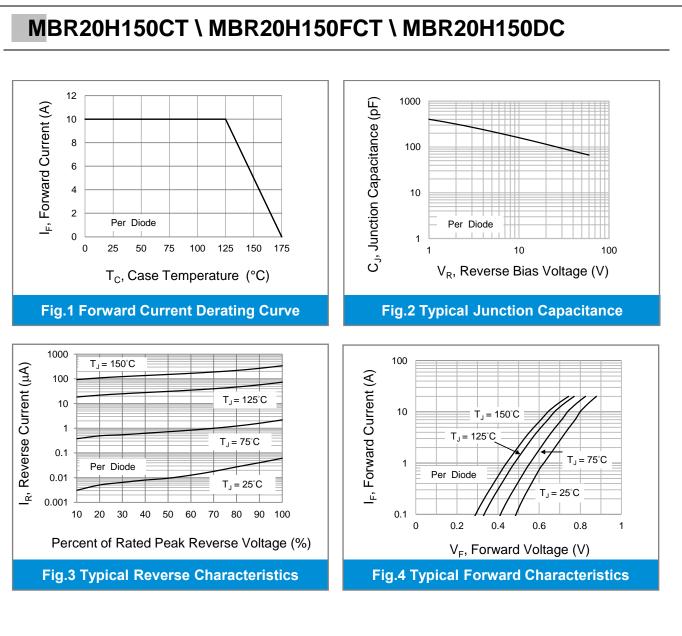


Maximum Ratings And Electrical Characteristics (T_A=25[°]C unless otherwise noted)

PARAMETER	SYMBOL	150V	UNIT		
Maximum repetitive peak reverse voltage		Vrrm	150	V	
Maximum rms voltage		Vrms	105	V	
Maximum dc blocking voltage		Vr	150	V	
Maximum average forward rectified	per device		20	А	
current	per diode	lf(AV)	10		
Peak forward surge current : 8.3ms single half sine- wave superimposed on rated load per diode		IFSM	200	А	
Maximum forward voltage at 10A per diode		VF	0.85	V	
Maximum dc reverse current	TJ =25°C	1-	0.55	μA	
at rated dc blocking voltage	TJ =125°C	lr	1	mA	
Typical thermal resistance	TO-220AB(Note 1)	$R_{ extsf{ heta}JC}$	3	°C/W	
	TO-263(Note 1)		3		
	ITO-220AB(Note 1)		7		
Operating junction temperature range		TJ	-55 to +175	°C	
Storage temperature range		Tstg	-55 to +175	°C	
Note : 1. Semi-infinite heatsink					



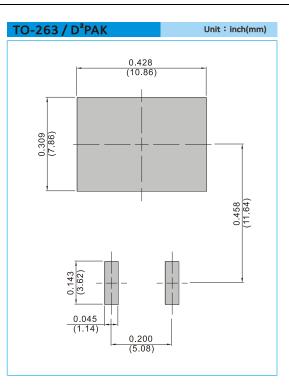






MBR20H150CT \ MBR20H150FCT \ MBR20H150DC

MOUNTING PAD LAYOUT

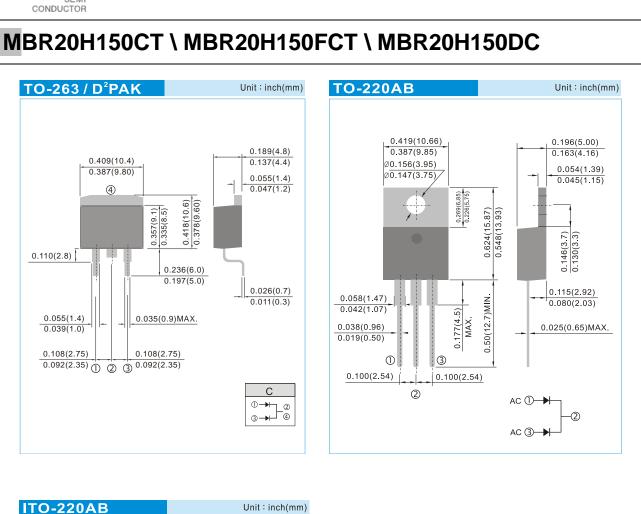


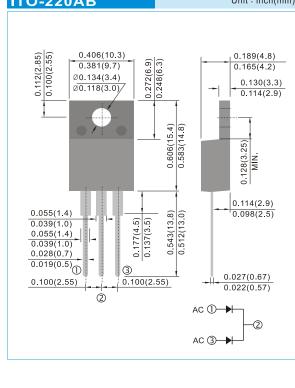
ORDER INFORMATION

Packing information
T/R – 0.8K per 13" plastic Reel

SEMI CONDUCTOR

ΡΛΝ









MBR20H150CT \ MBR20H150FCT \ MBR20H150DC

Part No_packing code_Version

MBR20H150CT_T0_00001 MBR20H150DC_R2_00001 MBR20H150FCT_T0_00001

For example :

RB500V-40_R2_00001

• Part No.

• Version code means HF • Packing size code means 13"

Packing type means T/R

Packing Code XX					Version Code XXXXX		
Packing type	1 st Code	Packing size code	2 nd Code	HF or RoHS	1 st Code	2 nd ~5 th Code	
Tape and Ammunition Box (T/B)	Α	N/A	0	HF	0	serial number	
Tape and Reel (T/R)	R	7"	1	RoHS	1	serial number	
Bulk Packing (B/P)	в	13"	2				
Tube Packing (T/P)	т	26mm	x				
Tape and Reel (Right Oriented) (TRR)	S	52mm	Y				
Tape and Reel (Left Oriented) (TRL)	L	PANASERT T/B CATHODE UP (PBCU)	U				
FORMING	F	PANASERT T/B CATHODE DOWN (PBCD)	D				





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