

Ratings at 25°C ambient temperature unless otherwise specified. Single phase, half wave, 60 Hz, resistive or inductive load. For capacitive load, derate current by 20%.

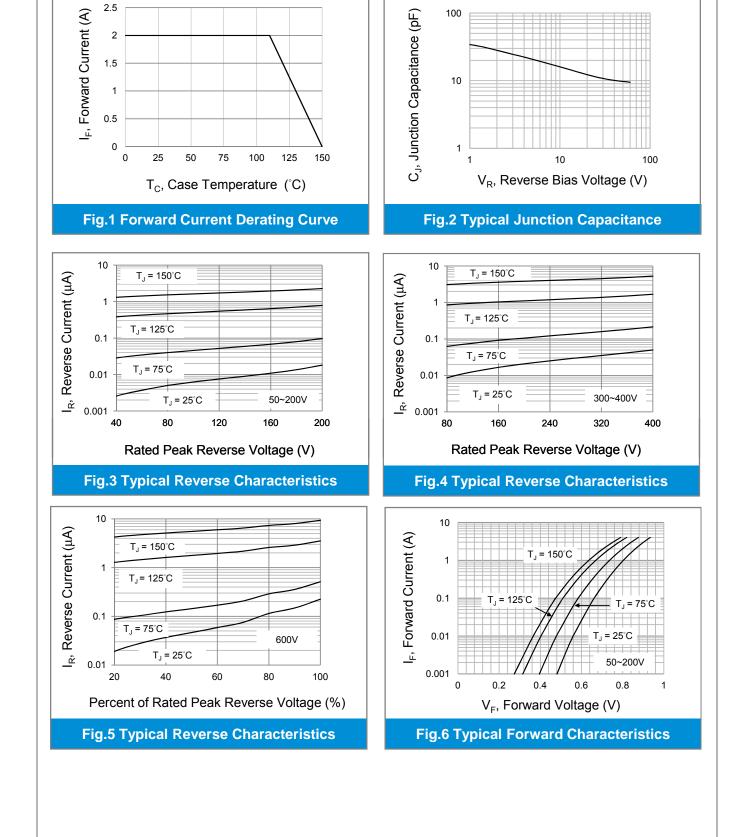
PARAMETER		SYMBOL	ES2A	ES2B	ES2C	ES2D	ES2E	ES2G	ES2J	UNITS
Maximum Recurrent Peak Reverse Voltage		V _{RRM}	50	100	150	200	300	400	600	V
Maximum RMS Voltage		V _{RMS}	35	70	105	140	210	280	420	V
Maximum DC Blocking Voltage		V _{DC}	50	100	150	200	300	400	600	V
Maximum Average Forward Current			2						А	
Peak Forward Surge Current : 8.3ms single half sine-wave superimposed on rated load		I _{fsm}	50						A	
Maximum Forward Voltage at 2A		V _F		0	.95	1.25 1.7		1.7	V	
Maximum DC Reverse Current at Rated DC Blocking Voltage		I _R				1				μA
Maximum Reverse Recovery Time	(Note 3)	t _{rr}	35					ns		
Typical Junction Capacitance Measured at 1MHz and applied V _R =4V		C				25				рF
Typica Thermal Resistance	(Note 2) (Note 1)	R _{eja} R _{ejc}	150 30						°C / W	
Operating Junction and Storage Temperature Range		T _J ,T _{stg}	-55 to +150						°C	

NOTES :

^{1.} Mounted on a FR4 PCB, single-sided copper, with 100 cm² copper pad area.

^{2.}Mounted on a FR4 PCB, single-sided copper, mini pad.

^{3.}Reverse Recovery Test Conditions: $I_{F}\mbox{=}0.5A$, $I_{R}\mbox{=}1A$ $Irr\mbox{=}0.25A.$

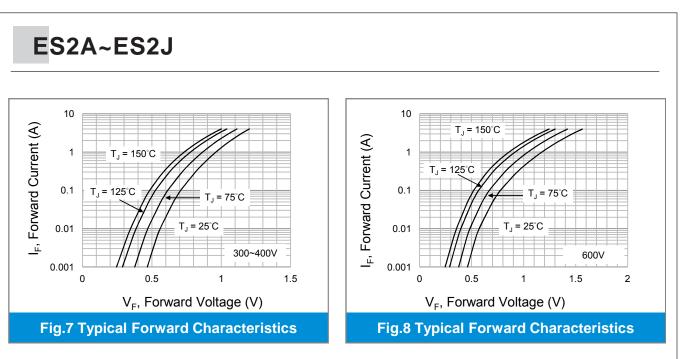




ES2A~ES2J









ES2A~ES2J MOUNTING PAD LAYOUT SMA / DO-214AC Unit : inch(mm) 0.228 (5.80) 0.065 0.082 (1.66) (2.07) 0.081 (2.06)

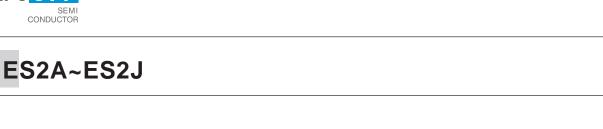
ORDER INFORMATION

Packing information

T/R - 7.5K per 13" plastic Reel

T/R - 1.8K per 7" plastic Reel





Part No_packing code_Version

ES2A_R1_00001 ES2A_R2_00001

For example :

RB500V-40_R2_00001



- Serial number

• 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)	A	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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