

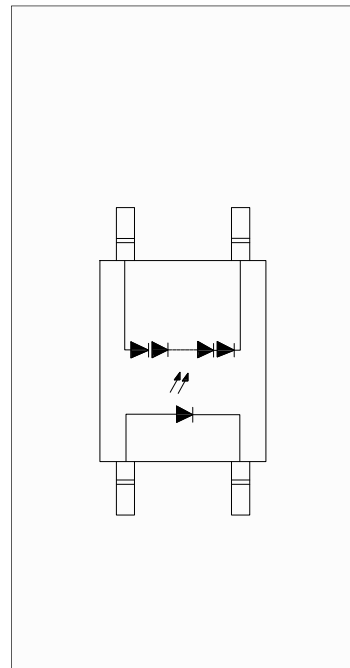


JOCV1B32-VS4

Rev.A.1.0

DESCRIPTION:

MAIN FEATURES



ABSOLUTE MAXIMUM RATINGS

Parameter		Symbol	Value	Unit

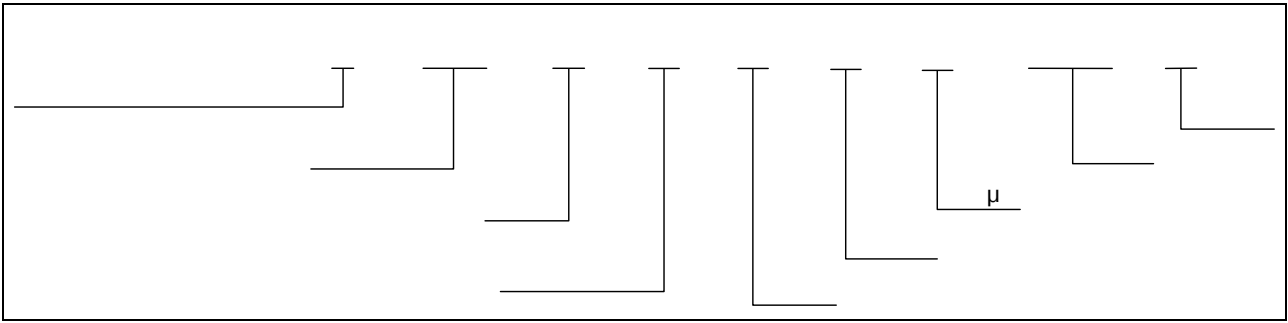
NOTE1: 100 μ s pulse, 100Hz frequency

NOTE2: AC for 1minute, R.H.=40~60%

ELECTRICAL CHARACTERISTICS

Parameter		Symbol	Condition	Min.	Typ.	Max.	Unit

ORDERING INFORMATION



Packing Quantity	
Option	Quantity
VSON4	3000 Units/Reel

Characteristics Curves

FIG.1:

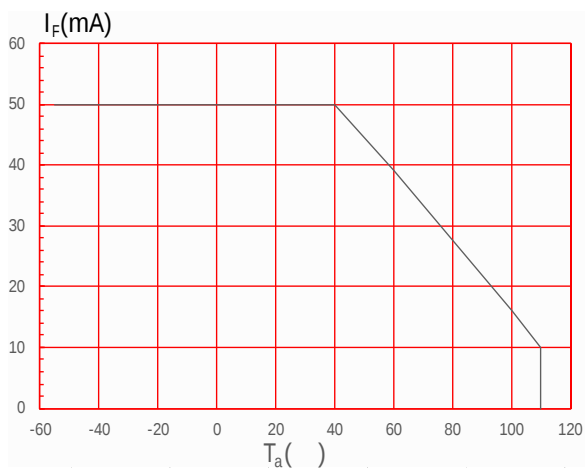


FIG.2:

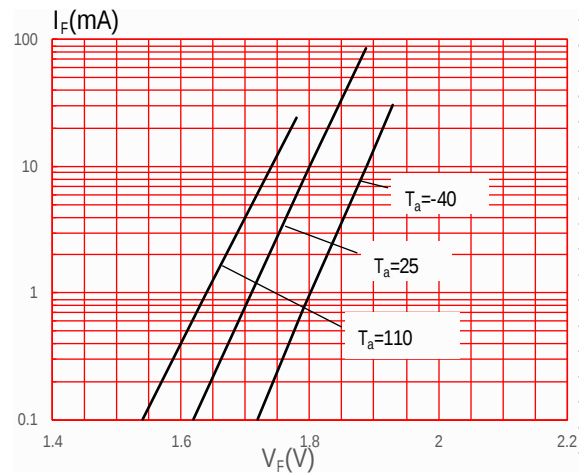


FIG.3:

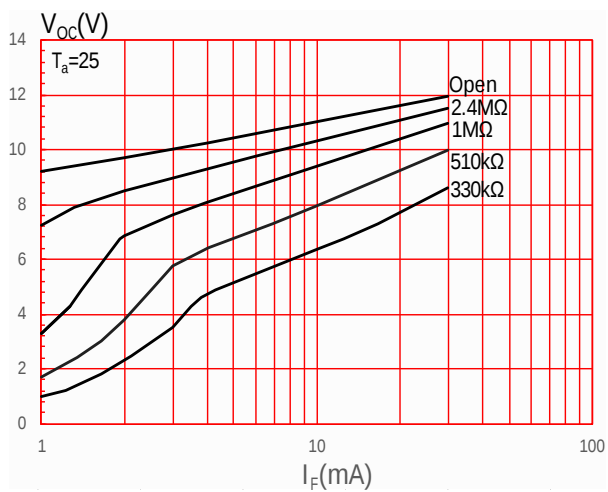


FIG.4:

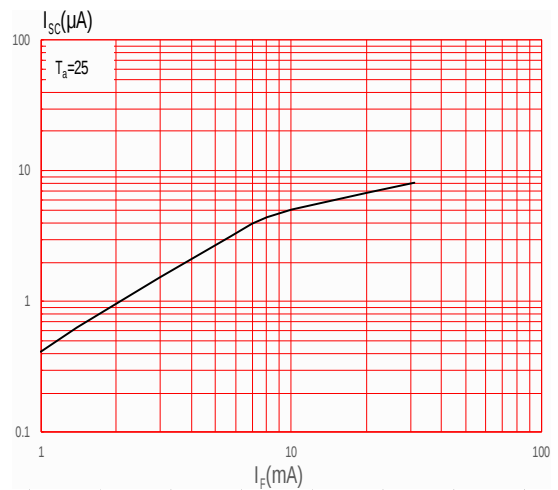


FIG.5:

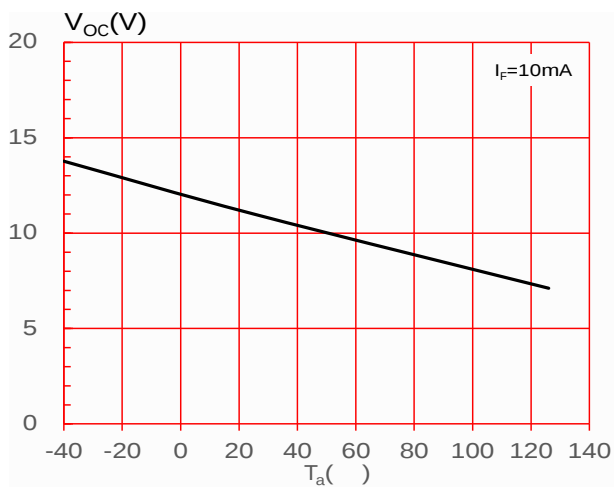
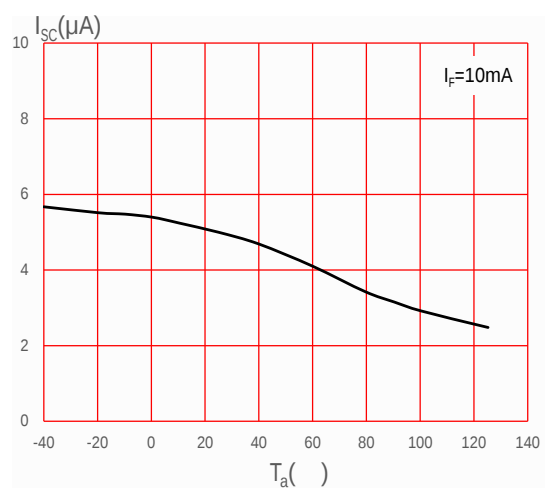
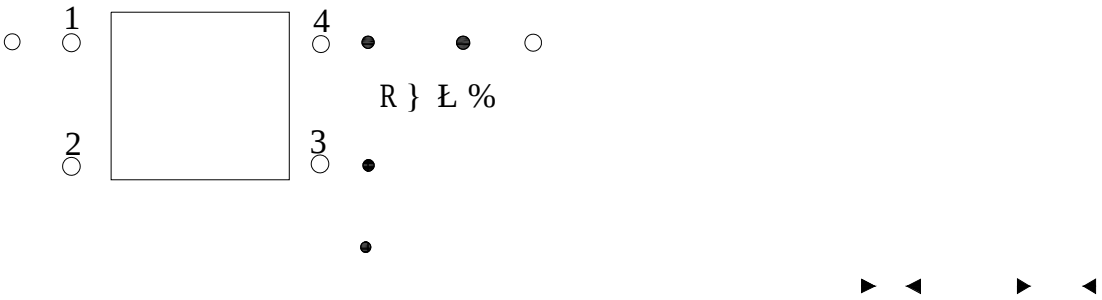


FIG.6:

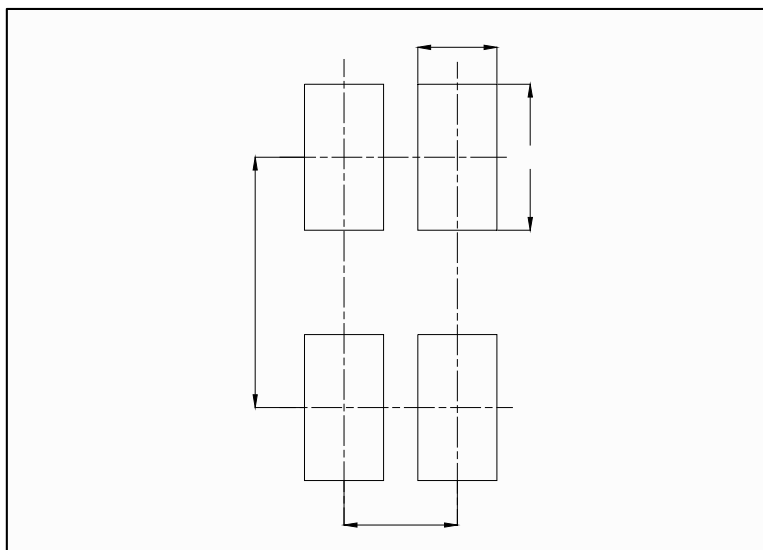


Test Circuits

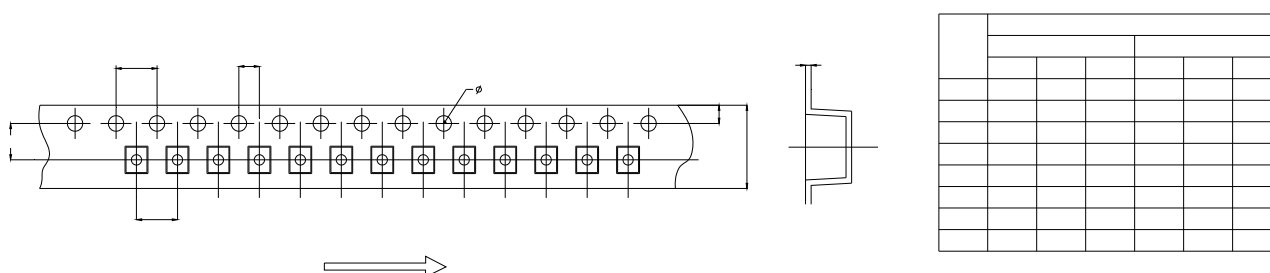
FIG.7: Response Time Test Circuit, Waveform



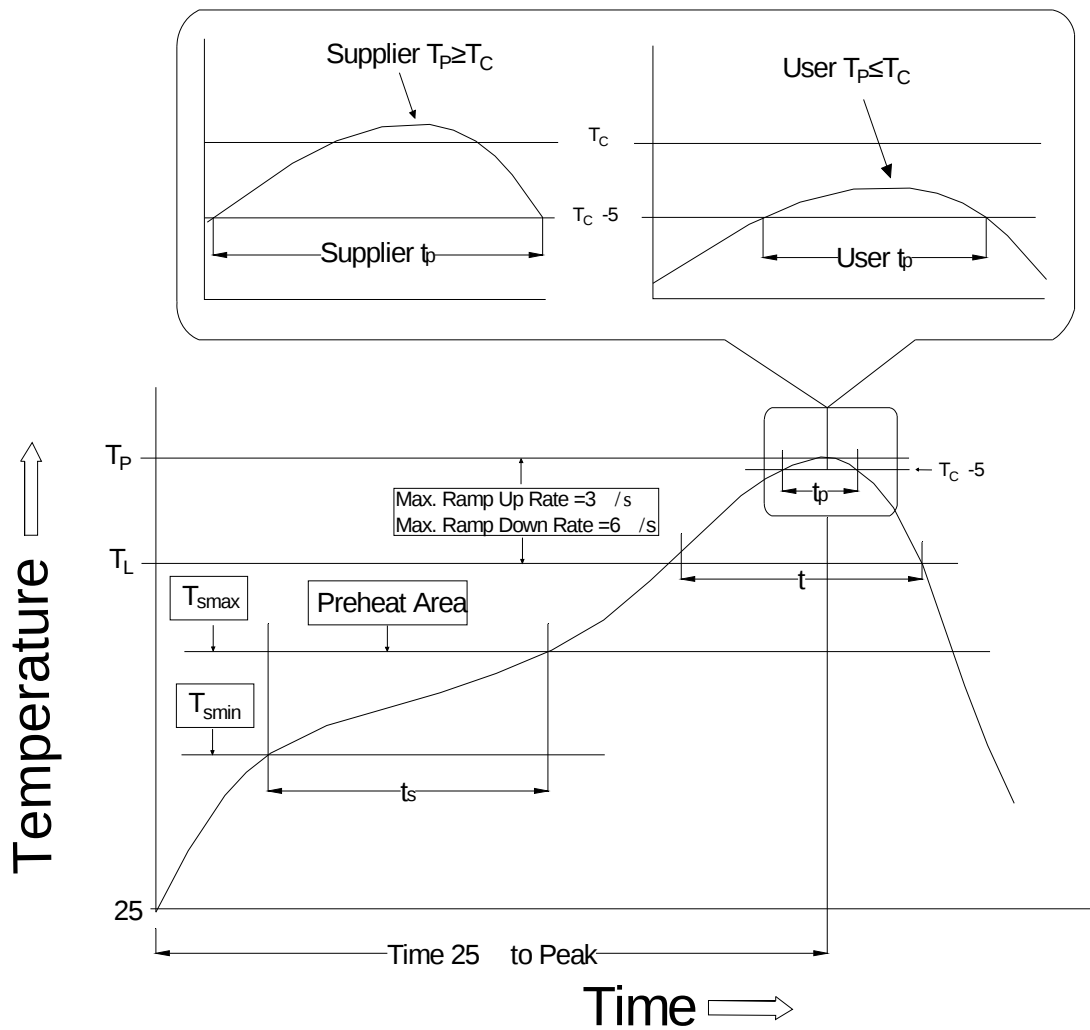
RECOMMENDED SOLDER MASK (Dimensions in mm unless otherwise stated)



CARRIER TAPE SPECIFICATIONS (Dimensions in mm unless otherwise stated)



REFLOW INFORMATION



Profile Feature	Sn-Pb Assembly Profile	Pb-Free Assembly Profile
Temperature Min. (T_{smin})	100	150
Temperature Max. (T_{smax})	150	200
Time (t_s) from (T_{smin} to T_{smax})	60-120 seconds	60-120 seconds
Ramp-up Rate (t_L to T_P)	3 °C/second max.	3 °C/second max.
Liquidus Temperature (T_L)	183	217
Time (t_L) Maintained Above (T_L)	60-150 seconds	60-150 seconds
Peak Body Package Temperature	235 +0 /-5	260 +0 /-5
Time (t_P) within 5 °C of 260	10 seconds	10 seconds
Ramp-down Rate (T_P to T_L)	3-6 °C/second	3-6 °C/second
Time 25 °C to Peak Temperature	6 minutes max.	8 minutes max.

