

Bridge Rectifiers

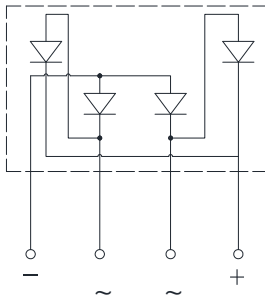


Package: JC

Molding compound meets UL 94 V-0 flammability rating, RoHS-compliant, Halogen free

Terminals: Tin plated leads, solderable per J-STD-002 and JESD22-B102

Polarity: As marked on body



Maximum Ratings ($T_a=25$ Unless otherwise specified)

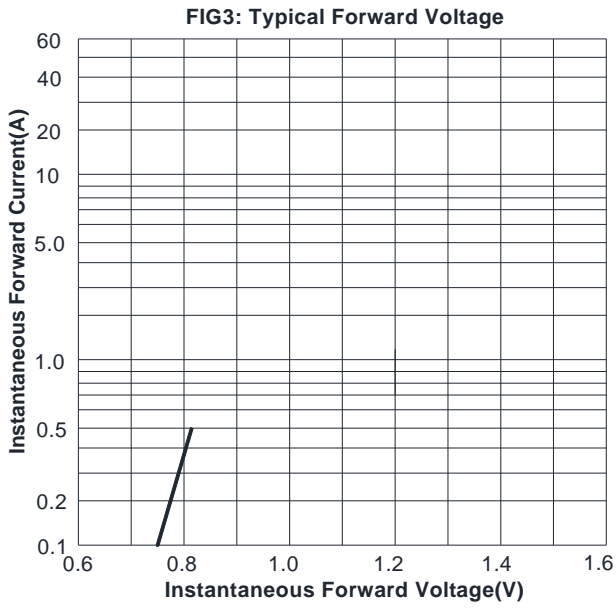
PARAMETER	SYMBOL	UNIT	D4JC05	D4JC10	D4JC20	D4JC40	D4JC60	D4JC80	D4JC100
Device marking code			D4JC05	D4JC10	D4JC20	D4JC40	D4JC60	D4JC80	D4JC100
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	V	50	100	200	400	600	800	1000
Maximum RMS Voltage	V_{RMS}	V	35	70	140	280	420	560	700
Maximum DC blocking Voltage	VDC	V	50	100	200	400	600	800	1000
Average rectified output current @60Hz sine wave, R-load	With heatsink $T_c = 130$	IO	A	4.0					
	Without heatsink $T_a = 25$			2.0					
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave, 1 cycle, $T_j = 25$	IFSM	A	135						
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, $T_j = 25$			270						



Electrical Characteristics T_a



D4JC05 THRU D4JC100



Outline Dimensions

JC		
Dim	Min	Max
A	19.60	20.40
B	11.50	12.30
C	10.10	10.90
D	1.00	1.30
E	14.20	15.00
F	4.88	5.28
H	3.10	3.70
I	2.95	3.35
J	5.30	5.90
K	0.70	1.30
L	0.30	0.60
M	1.70	2.10

