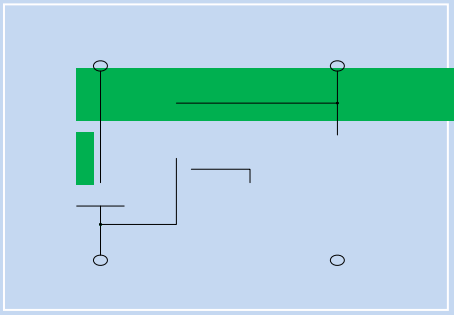
RoHS
COMPLIANT



0D[LPXP 506 9ROWDJH	9506	9							
0D[LPXP '& EORFNLQJ 9ROWDJH	9'&	9							
$YHUDJH UHFWLILHG RXWSXW FXUUHQW # +] VLQH ZDYH 5 ORDG 7F	IO	A	1.0						
Forward Surge Current (Non-repetitive) @60Hz Half-sine wave,1 cycle, Tj=25	IFSM	A	30						
Forward Surge Current (Non-repetitive) @1ms, square wave, 1 cycle, Tj=25			60						
Current squared time @1ms≤t≤8.3ms Tj=25 , Rating of per diode	I^2t	A^2s	3.7						
Storage temperature	T_{stg}		-55 ~ +150						
Junction temperature	T_j		-55 ~ +150						

■Electrical Characteristics T_a=25 Unless otherwise specified

PARAMETER	SYMBOL	R		
Maximum DC reverse current at rated DC blocking voltage per diode	IR	ε A	T j= 25	5
			Tj =125	100
Typical junction capacitance	Cj	pF	Measured at 1MHz and Applied Reverse Voltage of 4.0 V.D.C	12

■Thermal Characteristics T_a=25 Unless otherwise specified

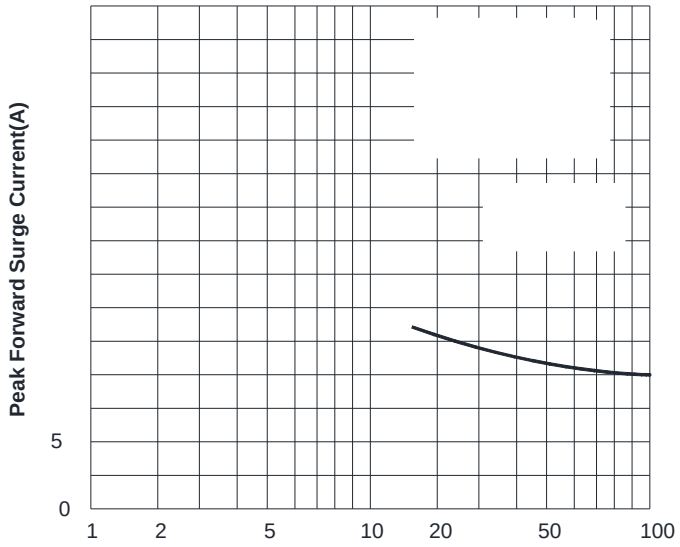
PARAMETER	SYMBOL	UNIT	DBL101S	DBL102S	DBL103S	DBL104S	DBL105S	DBL106S	DBL107S
Typical Thermal Resistance	$R_{\theta J-A}$	/W	40.0						
	$R_{\theta J-L}$		15.0						
	$R_{\theta J-C}$		8.0						

Note: Device mounted on P.C.B with 35mm*25mm*1.7mm

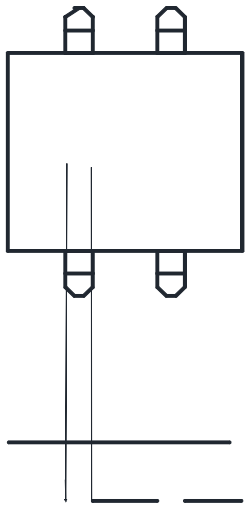
■Ordering Information (Example)

PREFERED P/N	PACKING CODE	UNIT WEIGHT(g)	MINIIMUM PACKAGE(pcs)	INNER BOX QUANTITY(pcs)	OUTER CARTON QUANTITY(pcs)	DELIVERY MODE
DBL101S ~ DBL107S	B1	Approximate 0.32	50	5000	20000	TUBE
DBL101S ~ DBL107S	F1	Approximate 0.32	1500	3000	21000	REEL

■ Characteristics (Typical)



■ Outline Dimensions



DBLS		
Dim	Min	Max
A	6.20	6.50
B	9.60	10.30
C	5.00	5.20
D	8.13	8.51
E	2.35	2.45
F	1.02	1.2
G	0.22	0.33
H	1.02	1.53
I	0	0.30
J	1.80	2.10

Dimensions in millimeters

■ Suggested pad layout

Dim	Min
P1	8.73
P2	5.12
Q1	2.22
Q2	1.2

Disclaimer

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The product listed herein is designed to be used with ordinary electronic equipment or devices, and not designed to be used with