

Product	Diode
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UNIT:mm

TERMINAL 2PIN			
GMD2	VMN2, VMN2M	VML2	VMD2
KMD2	EMD2, EMD2_UT	UMD2, UMD2_UT	TUMD2, TUMD2M
TUMD2S, TUMD2SM	PMDE	PMDU(S), SOD-123FL	PMDT, PMDTM, SOD-128
PMDS, DO-214AC(P)	SMC	DFN1006-2W(D)	SMB

UNIT: mm

TERMINAL 2PIN			
SMR03015	SMD0402/SMD0402L	SMC0402	SMD0603/SMD0603B
SMD1006/SMD1006J	SMD1608	SMD2012	

UNIT: mm

TERMINAL 3PIN			
VMD3	EMD3, EMD3F	UMD3, UMD3F	SMD3
SSD3	DFN1006-3	DFN2020-3	DFN1010-3W
TERMINAL 4PIN			
EMD4	UMD4	SMD4	
TERMINAL 5PIN			
EMD5	UMD5	TUMD5	SMD5
TSM5			

UNIT: mm

TERMINAL 6PIN			
EMD6	UMD6	SMD6	TSMD6
TERMINAL 8PIN			
HMD8	TSMD8		
TERMINAL 12PIN			
HMD12			

UNIT : mm

Others			
CPD3	T0-252, T0252GE	TCPD3	MPD
LPDS, T0263S	LPDL, T0263L	T0-277	

※Copper plate area dimensions are reference dimensions
with being soldered with conditions below.

PCB FR-4

Solder paste Sn-3Ag-0.5Cu

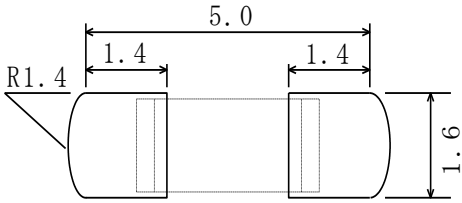
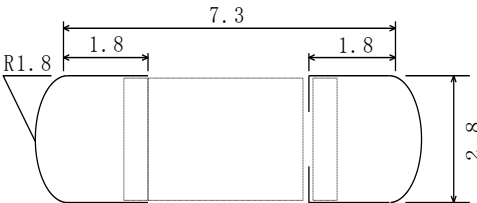
Paste thickness . . . 150um ※GMD2, HMD8, HMD12, SMD0603 (B/J/P) , SMD0402 (J/P) . . 80um
 ※SMR03015 . . 60um

Reflow soldering . . 250°C, 10s Max.

(Note)

Optimize footprint dimensions to the board design and soldering conditions.

UNIT: mm

Glass Sealed Diode	
LLDS (JEDEC:LL-34)	LLDL (JEDEC:LL-41)
	

※1 Round corner patterns are assist for solder coverage on terminals.

※2 LLDS
Design the footprint narrower for solderability to use reflow soldering.

※3 LLDS
Design the footprint wider for solderability to use flow soldering.

※4 LLDL
Recommend 300um solder paste thickness to use reflow soldering.

(Note)
Optimize footprint dimensions to the board design and soldering conditions.

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