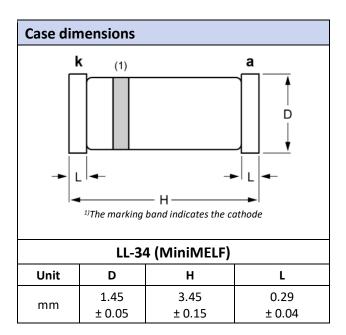


SMD Rectifying Diode

Primary characteristics						
Parameter	Value	Unit				
V _{RRM} range	50 to 1000	V				

Features

- MiniMELF (SOD-80C, DO-213AA, LL-34) case for easy automatic insertion.
- Low power loss, high efficient
- High surge current capability
- Low forward voltage drop
- For use in low voltage, high frequency inverters, free wheeling application
- Guarding for over voltage protection
- Case: molded plastic use UL94V-0 recognized flame retardant epoxy
- Terminals: plated terminals
- Polarity: silver color band on body denotes cathode
- Pb-Free and RoHS Compliant
- Weight: 0.0317 grams (approx.)

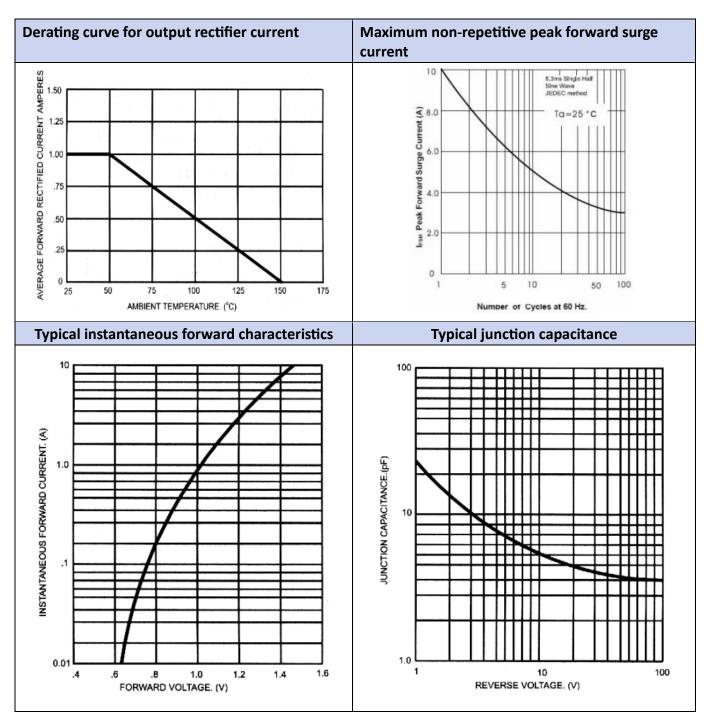


		Symbol	Value							
Parameter	rameter		GL1A	GL1B	GL1D	GL1G	GL1J	GL1K	GL1M	Unit
Maximum repetitive peak reverse voltage		V_{RRM}	50	100	200	400	600	800	1000	
Maximum RMS voltage		V_{RMS}	35	70	140	280	420	560	700	V
Maximum DC blocking voltage		V_{DC}	50	100	200	400	600	800	1000	
Maximum average forward rect current	ified	I _{F(AV)}				1.0				
Peak forward surge current 8.3mS single half sine wave superimposed on rated load (JEDEC method)		I _{FSM}	10							A
Maximum instantaneous forward voltage @1.0A		V _{FM}	1.1							V
Maximum reverse current at rated DC blocking voltage	T _a =25°C					5.0				
	T _a =125°C	l _R				250				μΑ
Typical junction capacitance V_R =4.0V, f=1.0MHz		C _j	15			pF				
Typical thermal resistance from to ambient	junction	R _{eJA}	125					°C/W		
Operating junction and storage temperature range		T _j , T _{STG}	-65 ~ 150					°C		

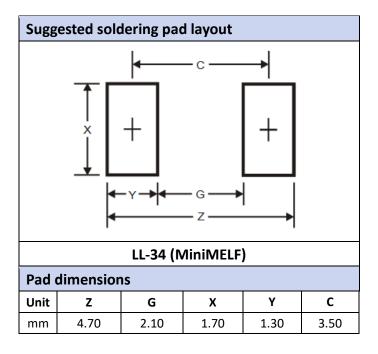
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GL1A - GL1M Series







Ordering information							
Part Number	Part Number Package		Dimensions				
GL1A ~ GL1M Series	MiniMELF (SOD-80C, DO-213AA, LL-34)	2500 pcs / reel					

Disclaimer

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