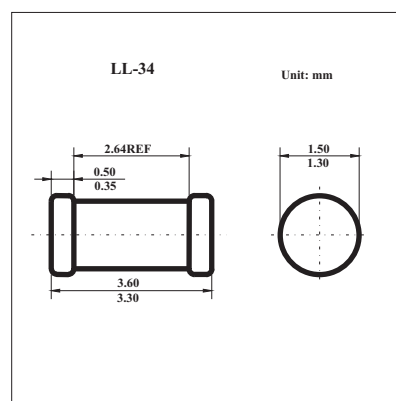


Schottky Barrier Rectifier Diodes

KLL5817W-KLL5819W

■ Features

- Low Power Loss, High Efficiency
- High Current Capability and Low Forward Voltage Drop
- High Surge Capability



■ Maximum Ratings and Electrical Characteristics @ Ta = 25°C

Parameter	Symbol	Rating			Unit
		KLL5817W	KLL5818W	KLL5819W	
Peak Repetitive Reverse Voltage	VRRM	20	30	40	V
Working Peak Reverse Voltage	VRMS				
DC Blocking Voltage	VDC				
RMS Reverse Voltage	VR(RMS)	14	21	28	V
Average Rectified Output Current @TA = 90°C	Io	1.0			A
Non-Repetitive Peak Forward Surge Current, 8.3ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method)	IFSM	25			A
Peak Reverse Leakage Current	IRM	1.0			mA
Forward Voltage @ IF = 1.0A	VFM	0.45	0.55	0.60	V
Typical Total Capacitance	CT	110	110	90	pF
Typical Thermal Resistance Junction to Ambient	RθJA	50			°C/W
Operating and Storage Temperature Range	Tj, TSTG	-65 to +125			°C