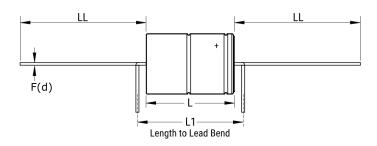


PEG226KN4180QE1

Obsolete

PEG226, Aluminum Electrolytic, 1,800 uF, -10/+30%, 40 VDC, -40/+150°C





Note: '()' correspond to the letters used in the product bulletin

Click here for the 3D model.

Dimensions	
D	18.2mm +/-0.5mm
L	34.7mm +/-1mm
L1	41mm MIN
LL	40mm +/-2mm
F	1mm +/-0.03mm

Packaging Specifications	
Sleeving	Yes
Packaging	Bulk, Box

	General Information	1
Style Axial Description Vibration Resistant Extremely High Ripple Axial Aluminum Electrolytic RoHS Yes Lead Wire Leads Qualifications AEC-Q200 AEC-Q200 Yes Halogen Free Yes Component Weight 14 g L1 is KEMETs recommendation for minimum distance between symmetrical Lead bend. Availab only for Customer specific part numbers. Lead be dimensions must be specified and confirmed per article. Dimensions D And L Include Sleeving.	Series	PEG226
Description Vibration Resistant Extremely High Ripple Axial Aluminum Electrolytic RoHS Yes Lead Wire Leads Qualifications AEC-Q200 AEC-Q200 Yes Halogen Free Yes Component Weight 14 g L1 is KEMETs recommendation for minimum distance between symmetrical Lead bend. Availab only for Customer specific part numbers. Lead be dimensions must be specified and confirmed per article. Dimensions D And L Include Sleeving.	Dielectric	Aluminum Electrolytic
RoHS Yes Lead Wire Leads Qualifications AEC-Q200 AEC-Q200 Yes Halogen Free Yes Component Weight 14 g L1 is KEMETs recommendation for minimum distance between symmetrical Lead bend. Available only for Customer specific part numbers. Lead be dimensions must be specified and confirmed per article. Dimensions D And L Include Sleeving.	Style	Axial
Lead Wire Leads Qualifications AEC-Q200 AEC-Q200 Yes Halogen Free Yes Component Weight 14 g L1 is KEMETs recommendation for minimum distance between symmetrical Lead bend. Available only for Customer specific part numbers. Lead be dimensions must be specified and confirmed per article. Dimensions D And L Include Sleeving.	Description	, , , , , , , , , , , , , , , , , , , ,
Qualifications AEC-Q200 AEC-Q200 Yes Halogen Free Yes Component Weight 14 g L1 is KEMETs recommendation for minimum distance between symmetrical Lead bend. Availab only for Customer specific part numbers. Lead be dimensions must be specified and confirmed per article. Dimensions D And L Include Sleeving.	RoHS	Yes
AEC-Q200 Yes Halogen Free Yes Component Weight 14 g L1 is KEMETs recommendation for minimum distance between symmetrical Lead bend. Availab only for Customer specific part numbers. Lead be dimensions must be specified and confirmed per article. Dimensions D And L Include Sleeving.	Lead	Wire Leads
Halogen Free Yes Component Weight 14 g L1 is KEMETs recommendation for minimum distance between symmetrical Lead bend. Available only for Customer specific part numbers. Lead be dimensions must be specified and confirmed per article. Dimensions D And L Include Sleeving.	Qualifications	AEC-Q200
Component Weight 14 g L1 is KEMETs recommendation for minimum distance between symmetrical Lead bend. Availabe only for Customer specific part numbers. Lead be dimensions must be specified and confirmed per article. Dimensions D And L Include Sleeving.	AEC-Q200	Yes
Weight L1 is KEMETs recommendation for minimum distance between symmetrical Lead bend. Availab only for Customer specific part numbers. Lead be dimensions must be specified and confirmed per article. Dimensions D And L Include Sleeving.	Halogen Free	Yes
distance between symmetrical Lead bend. Availab Notes only for Customer specific part numbers. Lead be dimensions must be specified and confirmed per article. Dimensions D And L Include Sleeving.		14 g
Shelf Life 520 Weeks	Notes	distance between symmetrical Lead bend. Available only for Customer specific part numbers. Lead bend dimensions must be specified and confirmed per
	Shelf Life	520 Weeks

Specifications	
Capacitance	1,800 uF
Capacitance Tolerance	-10/+30%
Voltage DC	40 VDC
Temperature Range	-40/+150°C
Rated Temperature	150°C
Life	8400 Hrs (Rated Voltage At 125C), 2000 Hrs (Rated Voltage At 150C)
Resistance	49 mOhms (100Hz 20C), 20 mOhms (100kHz 20C), 9.3 mOhms (5-100kHz 150C)
Ripple Current	20.5 Amps (5kHz 125C, With Heat Sink), 13 Amps (5kHz 140C, With Heat Sink), 5.8 Amps (5kHz 150C, With Heat Sink), 7.6 Amps (5kHz 125C), 9.6 Amps (>=5kHz 125C Max)
Leakage Current	220 uA (5min 20°C)

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