

Film Capacitor for surface mount use

Series: PECL

Stacked metallized PEN film as dielectric with simple mold-less construction.

FEATURES

Small in size

Applicable for reflow soldering



RECOMMENDED APPLICATIONS

Electronic exchange

Ringer circuit for Telephone & PBX

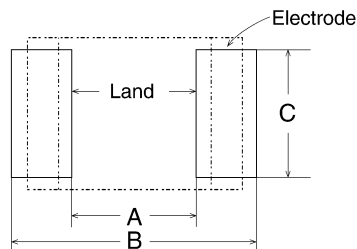
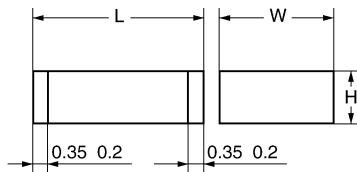
SPECIFICATIONS

Operating temp. range	100VDC -40 to +85°C 160VDC -55 to +85°C
Rated voltage	100VDC, 160VDC
Capacitance	100VDC 0.47, 1.0 μF 160VDC 0.47, 0.82, 1.0 μF
Capacitance tolerance	±10%(K)
Withstand voltage	Between terminals: Rated volt. (VDC)5 150% 1 min.
Dissipation factor	≤1.0%(20°C, 1kHz)
Insulation resistance	≤1000MΩ · μF(20°C, 100VDC, 60s)
Soldering conditions	Reflow soldering: 230°C max. and 30 sec. max. at more than 210°C (Temp. at cap. surface)

DIMENSIONS IN MM

EXAMPLE FOR LAND DIMENSIONS (MM)

(not to scale)



Cap. (μF)	Land dimensions					
	Reflow soldering					
	100VDC			160VDC		
	A	B	C	A	B	C
0.47	5.1	9.7	5.0	7.2	11.9	7.2
0.82	-	-	-	12.6	17.3	9.0
1.0	7.2	11.9	5.7	12.6	17.3	9.0

RATING, DIMENSIONS & QUANTITY/REEL

Cap. (μF)	Rating volt. 100VDC						Rating volt. 160VDC					
	Part No.	Dimensions (mm)			Qty	Size Code	Part No.	Dimensions (mm)			Qty	Size Code
		L	W	H				L	W	H		
0.47	PECL474J100TX	7.7±0.4	5.5±0.4	4.2±0.3	1000	X	PECL474J160TU	9.8±0.5	8.0±0.4	5.0±0.3	1000	U
0.82	-	-	-	-	-	-	PECL824J160TS	15.2±0.5	10.0±0.5	3.8±0.3	750	S
1.0	PECL105J100TV	9.8±0.5	6.3±0.4	5.4±0.3	1000	V	PECL105J160TS	15.2±0.5	10.0±0.5	4.6±0.3	750	S