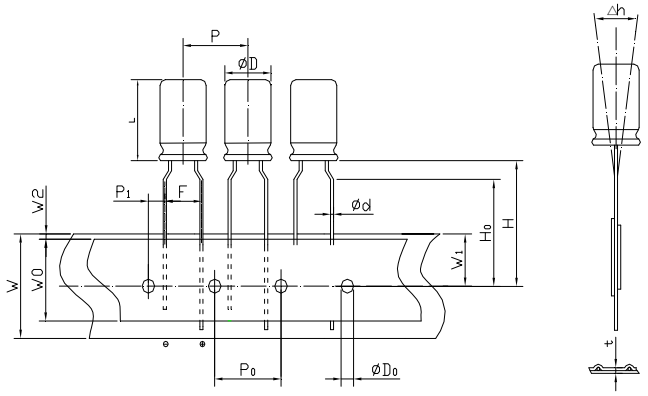
Huawei P/N: GR1V470MC110B50CE019	**CHANGZHOU HUAWEI ELECTRONICS CO.,LTD** GR 35V47μF 5*11	Page:1/1

CUSTOMER : DACHS

CUSTOMER P/N:

DIAGRAM OF DIMENSIONS

单位 Unit:mm



ΦD+0.5(Max)	5	W_1±0.5	9.0
L+1.5 (Max)	11	W_2	≤1.5
Φd±0.05	0.5	W_0	≥12
P±1.0	12.7	H±0.75	18.5
p_0±0.2	12.7	H_0±0.5	16
p_1±0.5	3.85	D_0±0.2	Φ4.0
F $^{+0.5}_{-0.2}$	5.0	t±0.2	0.6
W±0.5	18.0	△h	≤2.0

Items	Performance
Operating temperature range	-40℃ ~ +85℃
Capacitance Tolerance	-20% ~ +20% (120Hz,20℃)
Surge voltage	44VDC
Leakage current	LC≤16.45μA After 2 minutes
Dissipation Factor (Tan δ)	≤0.12 (120Hz,20℃)
Ripple Currents(rms)	167mA (120Hz,85℃)
Low Temperature Characteristics(120Hz)	Z-25℃ / Z+20℃: 2 Z-40℃ / Z+20℃: 3
Ripple Current& Frequency Multipliers	Frequency(Hz): 50, 120, 300, 1K, 10K, 100K Multipliers: 0.75, 1.00, 1.35, 1.57, 2.00, 2.30
Life Test: Load Life Test: After 2000 Hrs at 85℃ Shelf Life Test: After 1000 Hrs at 85℃	Capacitance Change: Within ±20% of initial value Dissipation Factor: Load Life: Less than 200% of initial specified value Dissipation Factor: Shelf Life: Less than 200% of initial specified value Leakage current: Load Life: Within the initial specified value Leakage current: Shelf Life: Less than 200% of initial specified value
Soldering	245±5℃,2±0.5seconds. soldering must cover more than 95%
Standards	IEC-60384-4
Remarks	RoHS Compliance & Halogen-free

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