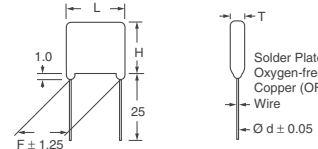


Panasonic PPS 膜电容器 - ECHS

使用 PPS 膜的非电感性构造，专为高耐久和高频应用而设计。

- 特点：
 • 工作温度范围广 -40°C ~ 125°C • 温度系数优良 -100PPM/°C
 • 频率特性优良
 应用：
 • 自动 • 振荡电路

电气规格：
 • 温度范围：-40°C ~ 125°C • 额定电压：50VDC、100VDC • 电容范围：0.0001 至 0.47μF • 电容公差：±2% (G) 和 ±5% (J) • 耗散因数：0.3% 最大。
 在 1kHz 和 20°C • 耐受电压：端子间 250% 的额定电压持续 1-5 秒 • 绝缘电阻：电容等于或小于 0.33μF 时，最小为 45,000 MΩ。电容大于 0.33μF 时，最小为 15,000 MΩ (20°C, 100VDC, 60 秒)



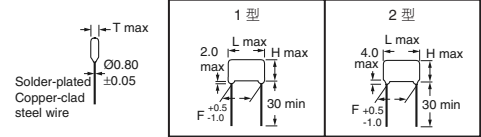
| WV DC | 电容 (μF) | 容差 | 尺寸 (mm) | | | | | Digi-Key 零件编号 | 单价 | | | | Panasonic 零件编号 |
|-------|---------|------|---------|------|------|------|-------------|---------------|------|------|------|--------------|----------------|
| | | | L | T | H | F | d | | 1 | 10 | 100 | 1,000 | |
| 50 | .001 | 2% | 8.5 | 4.0 | 7.6 | 5.0 | 0.60 | PS1H102G-ND | .66 | .57 | .48 | .29 | ECH-S1H102GZ |
| | .0012 | 2% | 8.5 | 4.0 | 7.8 | 5.0 | 0.60 | PS1H122G-ND | .66 | .57 | .48 | .29 | ECH-S1H122GZ |
| | .0015 | 2% | 8.5 | 4.0 | 7.6 | 5.0 | 0.60 | PS1H152G-ND | .66 | .57 | .48 | .29 | ECH-S1H152GZ |
| | .0018 | 2% | 8.5 | 4.0 | 7.6 | 5.0 | 0.60 | PS1H182G-ND | .66 | .57 | .48 | .29 | ECH-S1H182GZ |
| | .0022 | 2% | 8.5 | 4.0 | 7.8 | 5.0 | 0.60 | PS1H222G-ND | .66 | .57 | .48 | .29 | ECH-S1H222GZ |
| | .0027 | 2% | 8.5 | 4.0 | 7.8 | 5.0 | 0.60 | PS1H272G-ND | .66 | .57 | .48 | .29 | ECH-S1H272GZ |
| | .0033 | 2% | 8.5 | 4.0 | 8.0 | 5.0 | 0.60 | PS1H332G-ND | .66 | .57 | .48 | .29 | ECH-S1H332GZ |
| | .0039 | 2% | 8.5 | 4.0 | 7.8 | 5.0 | 0.60 | PS1H392G-ND | .66 | .57 | .48 | .29 | ECH-S1H392GZ |
| | .0047 | 2% | 8.5 | 4.0 | 8.0 | 5.0 | 0.60 | PS1H472G-ND | .66 | .57 | .48 | .29 | ECH-S1H472GZ |
| | .0056 | 2% | 8.5 | 4.0 | 8.2 | 5.0 | 0.60 | PS1H562G-ND | .66 | .57 | .48 | .29 | ECH-S1H562GZ |
| | .0068 | 2% | 8.5 | 4.0 | 7.6 | 5.0 | 0.60 | PS1H682G-ND | .66 | .57 | .48 | .29 | ECH-S1H682GZ |
| | .0082 | 2% | 8.5 | 4.0 | 7.6 | 5.0 | 0.60 | PS1H822G-ND | .66 | .57 | .48 | .29 | ECH-S1H822GZ |
| | .01 | 2% | 8.5 | 4.0 | 7.6 | 5.0 | 0.60 | PS1H103G-ND | .71 | .61 | .51 | .31 | ECH-S1H103GZ |
| | .012 | 2% | 8.5 | 4.0 | 8.0 | 5.0 | 0.60 | PS1H123G-ND | .77 | .67 | .56 | .33 | ECH-S1H123GZ |
| | .015 | 2% | 12.0 | 4.5 | 7.8 | 7.5 | 0.60 | PS1H153G-ND | .79 | .68 | .57 | .34 | ECH-S1H153GZ |
| | .018 | 2% | 12.0 | 4.5 | 8.0 | 7.5 | 0.60 | PS1H183G-ND | .87 | .75 | .62 | .38 | ECH-S1H183GZ |
| | .022 | 2% | 12.0 | 4.5 | 8.2 | 7.5 | 0.60 | PS1H223G-ND | .94 | .81 | .68 | .41 | ECH-S1H223GZ |
| | .027 | 2% | 12.0 | 4.5 | 10.4 | 7.5 | 0.60 | PS1H273G-ND | 1.03 | .89 | .74 | .44 | ECH-S1H273GZ |
| | .033 | 2% | 12.0 | 4.5 | 10.6 | 7.5 | 0.60 | PS1H333G-ND | 1.13 | .97 | .81 | .49 | ECH-S1H333GZ |
| | .039 | 2% | 12.0 | 5.0 | 10.4 | 7.5 | 0.60 | PS1H393G-ND | 1.22 | 1.05 | .87 | .52 | ECH-S1H393GZ |
| | .047 | 2% | 12.0 | 5.0 | 10.8 | 7.5 | 0.60 | PS1H473G-ND | 1.31 | 1.13 | .94 | .57 | ECH-S1H473GZ |
| | .056 | 2% | 12.0 | 5.5 | 11.0 | 7.5 | 0.60 | PS1H563G-ND | 1.45 | 1.25 | 1.04 | .63 | ECH-S1H563GZ |
| | .068 | 2% | 14.5 | 5.0 | 11.2 | 10.0 | 0.60 | PS1H683G-ND | 1.60 | 1.37 | 1.15 | .69 | ECH-S1H683GZ |
| | .082 | 2% | 14.5 | 5.5 | 11.6 | 10.0 | 0.60 | PS1H823G-ND | 1.75 | 1.50 | 1.25 | .75 | ECH-S1H823GZ |
| | .1 | 2% | 14.5 | 6.0 | 12.0 | 10.0 | 0.60 | PS1H104G-ND | 1.95 | 1.68 | 1.40 | .84 | ECH-S1H104GZ |
| | .12 | 2% | 14.5 | 6.5 | 12.4 | 10.0 | 0.60 | PS1H124G-ND | 2.21 | 1.90 | 1.58 | .95 | ECH-S1H124GZ |
| | .15 | 2% | 17.0 | 6.5 | 12.4 | 12.5 | 0.60 | PS1H154G-ND | 2.54 | 2.18 | 1.82 | 1.09 | ECH-S1H154GZ |
| | .18 | 2% | 17.0 | 6.5 | 14.0 | 12.5 | 0.60 | PS1H184G-ND | 2.85 | 2.45 | 2.04 | 1.22 | ECH-S1H184GZ |
| | .22 | 2% | 17.0 | 7.0 | 14.4 | 12.5 | 0.60 | PS1H224G-ND | 3.22 | 2.77 | 2.31 | 1.38 | ECH-S1H224GZ |
| | .27 | 2% | 17.0 | 7.5 | 15.2 | 12.5 | 0.60 | PS1H274G-ND | 3.64 | 3.13 | 2.61 | 1.56 | ECH-S1H274GZ |
| | .33 | 2% | 17.0 | 8.5 | 15.8 | 12.5 | 0.80 | PS1H334G-ND | 4.09 | 3.51 | 2.93 | 1.75 | ECH-S1H334GZ |
| | .39 | 2% | 17.0 | 9.0 | 16.4 | 12.5 | 0.80 | PS1H394G-ND | 4.53 | 3.89 | 3.24 | 1.94 | ECH-S1H394GZ |
| | .47 | 2% | 17.0 | 10.0 | 17.2 | 12.5 | 0.80 | PS1H474G-ND | 5.12 | 4.39 | 3.66 | 2.19 | ECH-S1H474GZ |
| | .001 | 5% | 8.5 | 4.0 | 7.6 | 5.0 | 0.60 | PS1H102J-ND | .26 | .23 | .19 | .12 | ECH-S1H102JZ |
| | .0012 | 5% | 8.5 | 4.0 | 7.8 | 5.0 | 0.60 | PS1H122J-ND | .26 | .23 | .19 | .12 | ECH-S1H122JZ |
| | .0015 | 5% | 8.5 | 4.0 | 7.6 | 5.0 | 0.60 | PS1H152J-ND | .26 | .23 | .19 | .12 | ECH-S1H152JZ |
| | .0018 | 5% | 8.5 | 4.0 | 7.6 | 5.0 | 0.60 | PS1H182J-ND | .26 | .23 | .19 | .12 | ECH-S1H182JZ |
| | .0022 | 5% | 8.5 | 4.0 | 7.8 | 5.0 | 0.60 | PS1H222J-ND | .26 | .23 | .19 | .12 | ECH-S1H222JZ |
| | .0027 | 5% | 8.5 | 4.0 | 7.8 | 5.0 | 0.60 | PS1H272J-ND | .26 | .23 | .19 | .12 | ECH-S1H272JZ |
| | .0033 | 5% | 8.5 | 4.0 | 8.0 | 5.0 | 0.60 | PS1H332J-ND | .26 | .23 | .19 | .12 | ECH-S1H332JZ |
| | .0039 | 5% | 8.5 | 4.0 | 7.8 | 5.0 | 0.60 | PS1H392J-ND | .26 | .23 | .19 | .12 | ECH-S1H392JZ |
| | .0047 | 5% | 8.5 | 4.0 | 8.0 | 5.0 | 0.60 | PS1H472J-ND | .26 | .23 | .19 | .12 | ECH-S1H472JZ |
| | .0056 | 5% | 8.5 | 4.0 | 8.2 | 5.0 | 0.60 | PS1H562J-ND | .26 | .23 | .19 | .12 | ECH-S1H562JZ |
| | .0068 | 5% | 8.5 | 4.0 | 7.6 | 5.0 | 0.60 | PS1H682J-ND | .26 | .23 | .19 | .12 | ECH-S1H682JZ |
| | .0082 | 5% | 8.5 | 4.0 | 7.6 | 5.0 | 0.60 | PS1H822J-ND | .26 | .23 | .19 | .12 | ECH-S1H822JZ |
| | .01 | 5% | 8.5 | 4.0 | 7.8 | 5.0 | 0.60 | PS1H103J-ND | .28 | .24 | .20 | .12 | ECH-S1H103JZ |
| | .012 | 5% | 8.5 | 4.0 | 8.0 | 5.0 | 0.60 | PS1H123J-ND | .32 | .28 | .23 | .14 | ECH-S1H123JZ |
| | .015 | 5% | 12.0 | 4.5 | 7.8 | 7.5 | 0.60 | PS1H153J-ND | .36 | .31 | .26 | .16 | ECH-S1H153JZ |
| | .018 | 5% | 12.0 | 4.5 | 8.0 | 7.5 | 0.60 | PS1H183J-ND | .38 | .33 | .27 | .17 | ECH-S1H183JZ |
| | .022 | 5% | 12.0 | 4.5 | 8.2 | 7.5 | 0.60 | PS1H223J-ND | .44 | .38 | .32 | .19 | ECH-S1H223JZ |
| .027 | 5% | 12.0 | 4.5 | 10.4 | 7.5 | 0.60 | PS1H273J-ND | .47 | .41 | .34 | .21 | ECH-S1H273JZ | |
| .033 | 5% | 12.0 | 4.5 | 10.6 | 7.5 | 0.60 | PS1H333J-ND | .50 | .43 | .36 | .22 | ECH-S1H333JZ | |
| .039 | 5% | 12.0 | 5.0 | 10.4 | 7.5 | 0.60 | PS1H393J-ND | .52 | .45 | .37 | .23 | ECH-S1H393JZ | |
| .047 | 5% | 12.0 | 5.0 | 10.8 | 7.5 | 0.60 | PS1H473J-ND | .54 | .47 | .39 | .24 | ECH-S1H473JZ | |
| .056 | 5% | 12.0 | 5.5 | 11.0 | 7.5 | 0.60 | PS1H563J-ND | .61 | .53 | .44 | .27 | ECH-S1H563JZ | |

符合 RoHS 规范要求

Panasonic 金属化聚酯/聚丙烯膜电容器 ECHAX 型 - 装有安全机制

- 特点：
 • 非电感性构造 • 优良的安全特性 • 外壳涂有阻燃环氧树脂
 • 小而紧凑
 应用：
 • 电机运行 • 荧光灯镇流器
 电气规格：
 • 温度范围：-25°C ~ 70°C • 额定电压：180、220 和 250VAC • 电容

范围：1.0 至 6.0μF • 电容公差：±5% (J) • 耗散因数：0.4% 最大，在 50/60Hz 和 20°C
 • 耐受电压：端子间：VAC (额定电压) x 0.175%，60 秒。端子与外壳之间：2000VAC, 60 秒
 • 绝缘电阻：端子间：1000Ω Fmin. (20°C, 100VDC, 60 秒)。端子与外壳之间：1000MΩ 最小 (20°C, 500VDC, 60 秒)



| WV AC | 电容 (μF) | 容差 | 尺寸 (mm) | | | | | 类型 | Digi-Key 零件编号 | 单价 | | | | Panasonic 零件编号 |
|-------|---------|----|---------|------|------|------|---|-----------|---------------|------|------|-------|--------------|----------------|
| | | | L | T | H | F | 1 | | | 10 | 100 | 1,000 | | |
| 180 | 1.0 | 5% | 26.5 | 8.5 | 17.5 | 22.5 | 1 | P10937-ND | 2.59 | 2.23 | 1.75 | 1.12 | ECH-A18105JX | |
| | 2.0 | 5% | 26.5 | 11.5 | 21.0 | 22.5 | 1 | P10938-ND | 4.04 | 3.47 | 2.72 | 1.74 | ECH-A18205JX | |
| | 3.0 | 5% | 26.5 | 14.0 | 24.0 | 22.5 | 1 | P10939-ND | 5.07 | 4.35 | 3.41 | 2.18 | ECH-A18305JX | |
| | 4.0 | 5% | 31.5 | 14.5 | 24.0 | 27.5 | 1 | P10940-ND | 6.00 | 5.15 | 4.03 | 2.58 | ECH-A18405JX | |
| | 5.0 | 5% | 31.5 | 16.5 | 26.0 | 27.5 | 1 | P10941-ND | 5.96 | 5.11 | 4.01 | 2.56 | ECH-A18505JX | |
| | 6.0 | 5% | 37.0 | 16.5 | 25.5 | 32.5 | 1 | P10942-ND | 8.46 | 7.25 | 5.68 | 3.63 | ECH-A18605JX | |
| 220 | 1.0 | 5% | 26.5 | 10.0 | 19.5 | 22.5 | 1 | P10943-ND | 3.14 | 2.69 | 2.11 | 1.35 | ECH-A22105JX | |
| | 2.0 | 5% | 26.5 | 14.0 | 23.5 | 22.5 | 1 | P10944-ND | 4.36 | 3.74 | 2.93 | 1.87 | ECH-A22205JX | |
| | 3.0 | 5% | 31.5 | 15.5 | 25.0 | 27.5 | 1 | P10945-ND | 5.24 | 4.49 | 3.52 | 2.25 | ECH-A22305JX | |
| | 4.0 | 5% | 37.0 | 16.0 | 25.5 | 32.5 | 1 | P10946-ND | 3.54 | 3.03 | 2.38 | 1.52 | ECH-A22405JX | |
| | 5.0 | 5% | 37.0 | 18.0 | 27.5 | 32.5 | 1 | P10947-ND | 6.65 | 5.71 | 4.47 | 2.86 | ECH-A22505JX | |
| | 6.0 | 5% | 37.0 | 19.5 | 29.5 | 32.5 | 1 | P10948-ND | 8.45 | 7.25 | 5.68 | 3.63 | ECH-A22605JX | |
| 250 | 1.0 | 5% | 26.5 | 12.0 | 21.5 | 22.5 | 1 | P10949-ND | 3.27 | 2.81 | 2.20 | 1.41 | ECH-A25105JX | |
| | 2.0 | 5% | 31.5 | 15.0 | 24.5 | 27.5 | 1 | P10950-ND | 4.80 | 4.12 | 3.23 | 2.06 | ECH-A25205JX | |
| | 3.0 | 5% | 37.0 | 16.5 | 26.0 | 32.5 | 1 | P10951-ND | 5.43 | 4.65 | 3.65 | 2.33 | ECH-A25305JX | |
| | 4.0 | 5% | 37.0 | 19.5 | 29.0 | 32.5 | 1 | P10952-ND | 7.31 | 6.27 | 4.91 | 3.14 | ECH-A25405JX | |
| | 5.0 | 5% | 40.5 | 20.0 | 30.0 | 30.0 | 2 | P10953-ND | 9.00 | 7.72 | 6.05 | 3.86 | ECH-A25505JX | |
| | 6.0 | 5% | 40.5 | 22.0 | 32.0 | 30.0 | 2 | P10954-ND | 10.91 | 9.36 | 7.33 | 4.68 | ECH-A25605JX | |

符合 RoHS 规范要求

全部产品均以美元计价。 免费电话：10800-1527031 (China Telecom - 中国电信) — 10800-8527031 (CNCG - 中国网通)

1800 (CN082-09)

digikkey.com.cn — 电话：(852) 3104 0500 — 传真：(852) 3104 0686