

Surface Mount Type

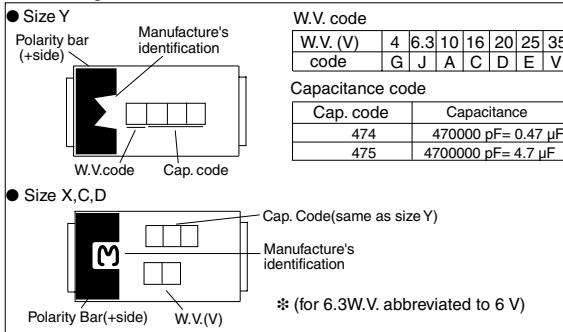
Series: TEH

■ Features High moisture resistance at +60°C, 90 to 95 % R.H.

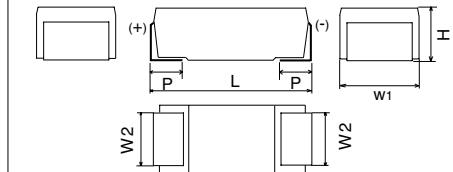


■ Specifications

■ Marking



■ Dimensions in mm (not to scale)



| EIA code | Size code | $L \pm 0.2$ | $W1 \pm 0.2$ | $W2 \pm 0.1$ | $H \pm 0.2$ | $P \pm 0.3$ |
|----------|-----------|-------------|--------------|--------------|-------------|-------------|
| 3216 | Y | 3.2 | 1.6 | 1.2 | 1.6 | 0.8 |
| 3528 | X | 3.5 | 2.8 | 2.2 | 1.9 | 0.8 |
| 6032 | C | 6.0 | 3.2 | 2.2 | 2.5 | 1.3 |
| 7040 | D | 7.2 | 4.2 | 2.4 | 2.8 | 1.2 |

- * Each case side has different configuration of terminal

■ Case size

Note : 1. () shows W.V. and capacitance code.

2. When selecting W.V. see the page 210.

3. We would like to recommend current sizes in above table for new design, but conventional case size is available on request.

4. Other rating upon request (voltage, capacitance, tolerance, size)

■ Standard Products

| W.V. (V) | Cap. (±20%) (μF) | Case Size | | Specification | | Part No. | Min.Packaging Qty Taping (pcs) |
|-------------|------------------------|-------------------|--------------|----------------------------|-------------|-------------|--------------------------------------|
| | | L x W x H (mm) | Size Code | D.F. (120Hz) (+20°C) | L.C (μA) | | |
| 4 | 4.7 | 3.2x1.6x1.6 | Y | 0.06 | 0.5 | ECSH0GY475R | 2000 |
| | 6.8 | 3.2x1.6x1.6 | Y | 0.06 | 0.5 | ECSH0GY685R | 2000 |
| | 10 | 3.2x1.6x1.6 | Y | 0.06 | 0.5 | ECSH0GY106R | 2000 |
| | | 3.5x2.8x1.9 | X | 0.06 | 0.5 | ECSH0GX106R | 2000 |
| | 15 | 3.5x2.8x1.9 | X | 0.06 | 0.6 | ECSH0GX156R | 2000 |
| | 22 | 3.5x2.8x1.9 | X | 0.06 | 0.9 | ECSH0GX226R | 2000 |
| | 33 | 6.0x3.2x2.5 | C | 0.06 | 1.4 | ECSH0GC336R | 750 |
| | 47 | 6.0x3.2x2.5 | C | 0.06 | 1.9 | ECSH0GC476R | 750 |
| | 68 | 7.3x4.3x2.8 | D | 0.06 | 2.8 | ECSH0GD686R | 750 |
| | 100 | 7.3x4.3x2.8 | D | 0.08 | 4.0 | ECSH0GD107R | 750 |
| 6.3 | 3.3 | 3.2x1.6x1.6 | Y | 0.04 | 0.5 | ECSH0JY335R | 2000 |
| | 4.7 | 3.2x1.6x1.6 | Y | 0.06 | 0.5 | ECSH0JY475R | 2000 |
| | 6.8 | 3.2x1.6x1.6 | Y | 0.06 | 0.5 | ECSH0JY685R | 2000 |
| | | 3.5x2.8x1.9 | X | 0.06 | 0.5 | ECSH0JX685R | 2000 |
| | 10 | 3.5x2.8x1.9 | X | 0.06 | 0.7 | ECSH0JX106R | 2000 |
| | 15 | 3.5x2.8x1.9 | X | 0.06 | 1.0 | ECSH0JX156R | 2000 |
| | | 6.0x3.2x2.5 | C | 0.06 | 1.0 | ECSH0JC156R | 750 |
| | 22 | 6.0x3.2x2.5 | C | 0.06 | 1.4 | ECSH0JC226R | 750 |
| | 33 | 6.0x3.2x2.5 | C | 0.06 | 2.1 | ECSH0JC336R | 750 |
| | 47 | 7.3x4.3x2.8 | D | 0.06 | 3.0 | ECSH0JD476R | 750 |
| | 68 | 7.3x4.3x2.8 | D | 0.06 | 4.3 | ECSH0JD686R | 750 |
| 10 | 2.2 | 3.2x1.6x1.6 | Y | 0.04 | 0.5 | ECSH1AY225R | 2000 |
| | 3.3 | 3.2x1.6x1.6 | Y | 0.04 | 0.5 | ECSH1AY335R | 2000 |
| | 4.7 | 3.2x1.6x1.6 | Y | 0.06 | 0.5 | ECSH1AY475R | 2000 |
| | | 3.5x2.8x1.9 | X | 0.06 | 0.5 | ECSH1AX475R | 2000 |
| | 6.8 | 3.5x2.8x1.9 | X | 0.06 | 0.7 | ECSH1AX685R | 2000 |
| | 10 | 3.5x2.8x1.9 | X | 0.06 | 1.0 | ECSH1AX106R | 2000 |
| | | 6.0x3.2x2.5 | C | 0.06 | 1.0 | ECSH1AC106R | 750 |
| | 15 | 6.0x3.2x2.5 | C | 0.06 | 1.5 | ECSH1AC156R | 750 |
| | 22 | 6.0x3.2x2.5 | C | 0.06 | 2.2 | ECSH1AC226R | 750 |
| | 33 | 7.3x4.3x2.8 | D | 0.06 | 3.3 | ECSH1AD336R | 750 |
| | 47 | 7.3x4.3x2.8 | D | 0.06 | 4.7 | ECSH1AD476R | 750 |
| 16 | 0.68 | 3.2x1.6x1.6 | Y | 0.04 | 0.5 | ECSH1CY684R | 2000 |
| | 1 | 3.2x1.6x1.6 | Y | 0.04 | 0.5 | ECSH1CY105R | 2000 |
| | 1.5 | 3.2x1.6x1.6 | Y | 0.04 | 0.5 | ECSH1CY155R | 2000 |
| | 2.2 | 3.2x1.6x1.6 | Y | 0.04 | 0.5 | ECSH1CY225R | 2000 |
| | | 3.5x2.8x1.9 | X | 0.04 | 0.5 | ECSH1CX225R | 2000 |
| | 3.3 | 3.2x1.6x1.6 | Y | 0.04 | 0.6 | ECSH1CY335R | 2000 |
| | | 3.5x2.8x1.9 | X | 0.04 | 0.6 | ECSH1CX335R | 2000 |
| | 4.7 | 3.5x2.8x1.9 | X | 0.06 | 0.8 | ECSH1CX475R | 2000 |
| | 6.8 | 3.5x2.8x1.9 | X | 0.06 | 1.1 | ECSH1CX685R | 2000 |
| | | 6.0x3.2x2.5 | C | 0.06 | 1.1 | ECSH1CC685R | 750 |

■ Standard Products

| W.V. (V) | Cap. (±20%) (μF) | Case Size | | Specification | | Part No. | Min.PackagingQty Taping (pcs) |
|-------------|------------------------|-------------------|--------------|----------------------------|-------------|-------------|-------------------------------------|
| | | L x W x H (mm) | Size Code | D.F. (120Hz) (+20°C) | L.C (μA) | | |
| 16 | 10 | 6.0x3.2x2.5 | C | 0.06 | 1.6 | ECSH1CC106R | 750 |
| | 15 | 6.0x3.2x2.5 | C | 0.06 | 2.4 | ECSH1CC156R | 750 |
| | 22 | 7.3x4.3x2.8 | D | 0.06 | 3.6 | ECSH1CD226R | 750 |
| | 33 | 7.3x4.3x2.8 | D | 0.06 | 5.3 | ECSH1CD336R | 750 |
| 20 | 0.68 | 3.2x1.6x1.6 | Y | 0.04 | 0.5 | ECSH1DY684R | 2000 |
| | 1.5 | 3.2x1.6x1.6 | Y | 0.04 | 0.5 | ECSH1DY155R | 2000 |
| | 2.2 | 3.5x2.8x1.9 | X | 0.04 | 0.5 | ECSH1DX225R | 2000 |
| | 3.3 | 3.5x2.8x1.9 | X | 0.04 | 0.7 | ECSH1DX335R | 2000 |
| | 4.7 | 3.5x2.8x1.9 | X | 0.06 | 1.0 | ECSH1DX475R | 2000 |
| | 6.0x3.2x2.5 | C | 0.06 | 1.0 | ECSH1DC475R | 750 | 750 |
| | | | | | | | |
| | 6.8 | 6.0x3.2x2.5 | C | 0.06 | 1.4 | ECSH1DC685R | 750 |
| | 10 | 6.0x3.2x2.5 | C | 0.06 | 2.0 | ECSH1DC106R | 750 |
| | 15 | 7.3x4.3x2.8 | D | 0.06 | 3.0 | ECSH1DD156R | 750 |
| | 22 | 7.3x4.3x2.8 | D | 0.06 | 4.4 | ECSH1DD226R | 750 |
| 25 | 0.47 | 3.2x1.6x1.6 | Y | 0.04 | 0.5 | ECSH1EY474R | 2000 |
| | 1 | 3.2x1.6x1.6 | Y | 0.04 | 0.5 | ECSH1EY105R | 2000 |
| | 1.5 | 3.5x2.8x1.9 | X | 0.04 | 0.5 | ECSH1EX155R | 2000 |
| | 2.2 | 3.5x2.8x1.9 | X | 0.04 | 0.6 | ECSH1EX225R | 2000 |
| | 3.3 | 3.5x2.8x1.9 | X | 0.04 | 0.9 | ECSH1EX335R | 2000 |
| | 6.0x3.2x2.5 | C | 0.04 | 0.9 | ECSH1EC335R | 750 | 750 |
| | | | | | | | |
| | 4.7 | 6.0x3.2x2.5 | C | 0.06 | 1.2 | ECSH1EC475R | 750 |
| | 10 | 7.3x4.3x2.8 | D | 0.06 | 2.5 | ECSH1ED106R | 750 |
| | 15 | 7.3x4.3x2.8 | D | 0.06 | 3.8 | ECSH1ED156R | 750 |
| 35 | 0.1 | 3.2x1.6x1.6 | Y | 0.04 | 0.5 | ECSH1VY104R | 2000 |
| | 0.15 | 3.2x1.6x1.6 | Y | 0.04 | 0.5 | ECSH1VY154R | 2000 |
| | 0.22 | 3.2x1.6x1.6 | Y | 0.04 | 0.5 | ECSH1VY224R | 2000 |
| | 0.33 | 3.2x1.6x1.6 | Y | 0.04 | 0.5 | ECSH1VY334R | 2000 |
| | 0.47 | 3.2x1.6x1.6 | Y | 0.04 | 0.5 | ECSH1VY474R | 2000 |
| | 3.5x2.8x1.9 | X | 0.04 | 0.5 | ECSH1VX474R | 2000 | 2000 |
| | | | | | | | |
| | 0.68 | 3.2x1.6x1.6 | Y | 0.04 | 0.5 | ECSH1VY684R | 2000 |
| | 3.5X2.8x1.9 | X | 0.04 | 0.5 | ECSH1VX684R | 2000 | 2000 |
| | | | | | | | |
| | 1 | 3.5x2.8x1.9 | X | 0.04 | 0.5 | ECSH1VX105R | 2000 |
| | 1.5 | 3.5x2.8x1.9 | X | 0.04 | 0.6 | ECSH1VX155R | 2000 |
| | 6.0x3.2x2.5 | C | 0.04 | 0.6 | ECSH1VC155R | 750 | 750 |
| | | | | | | | |
| | 2.2 | 3.5x2.8x1.9 | X | 0.04 | 0.8 | ECSH1VX225R | 2000 |
| | 6.0x3.2x2.5 | C | 0.04 | 0.8 | ECSH1VC225R | 750 | 750 |
| | | | | | | | |
| | 3.3 | 6.0x3.2x2.5 | C | 0.04 | 1.2 | ECSH1VC335R | 750 |
| | 7.3X4.3x2.8 | D | 0.04 | 1.2 | ECSH1VD335R | 750 | 750 |
| | | | | | | | |
| | 4.7 | 7.3x4.3x2.8 | D | 0.06 | 1.7 | ECSH1VD475R | 750 |
| | 6.8 | 7.3x4.3x2.8 | D | 0.06 | 2.4 | ECSH1VD685R | 750 |
| | 10 | 7.3x4.3x2.8 | D | 0.06 | 3.5 | ECSH1VD106R | 750 |