

FEATURES

- Small chip suitable for surface mounting .
- High inductance with ferrite material .
- Operating Temperature: -40°C~+85°C .
- RoHS, Halogen Free and REACH Compliance.



APPLICATIONS

- Liquid crystal television and other electronic devices.

PART NUMBERING

| | | | | | | | | | |
|-------|-------------|---------------------|--------------|---|--------------------|----------------------|-----------|--------------|-------------|
| A | HW | 1005 | F | - | R22 | J | T | F | □□ |
| ① | ② | ③ | ④ | | ⑤ | ⑥ | ⑦ | ⑧ | ⑨ |
| Grade | Series Name | External Dimensions | Feature Type | | Nominal inductance | Inductance tolerance | Packaging | HSF Products | Design Code |

| ① Grade | |
|---------|------------|
| A | Grade Code |

| ② Series Name | |
|---------------|----------------------------------|
| HW | Wire Wound Chip Ferrite Inductor |

| ③ External Dimensions | |
|-----------------------|--------|
| 1005 | [0402] |
| 1608 | [0603] |
| 2012 | [0805] |
| 2520 | [1008] |
| 3225 | [1210] |
| 4532 | [1812] |

| ④ Feature Type | |
|----------------|--------------|
| F | Ferrite core |

| ⑤ Nominal inductance | |
|----------------------|-------------------------|
| Code (example) | Nominal inductance [μH] |
| R22 | 0.22 |
| 1R0 | 1.0 |
| 100 | 10 |

| ⑦ Packaging | |
|-------------|-------------|
| T | Tape & Reel |

| ⑥ Inductance tolerance | |
|------------------------|----------------------|
| Code (example) | Inductance tolerance |
| J | ±5% |
| K | ±10% |
| M | ±20% |

| ⑨ Design Code | |
|---------------|---------------------------|
| □□ | Standard product is blank |

| ⑧ HSF Products | |
|----------------|-----------------------------------|
| F | Hazardous Substance Free Products |

Dimensions & Recommended Land Pattern



Recommended Land Pattern

Unit: mm

| Series | Dimensions | | | Recommended Land Pattern | | |
|----------|------------|--------|--------|--------------------------|--------|--------|
| | A Max. | B Max. | C Max. | I Typ. | H Typ. | J Typ. |
| AHW1005F | 1.20 | 0.70 | 0.64 | 0.36 | 0.66 | 0.46 |
| AHW1608F | 1.80 | 1.25 | 1.10 | 0.64 | 1.02 | 0.64 |
| AHW2012F | 2.40 | 1.73 | 1.55 | 1.02 | 1.78 | 0.76 |
| AHW2520F | 2.92 | 2.75 | 2.29 | 1.02 | 2.54 | 1.27 |
| AHW3225F | 3.50 | 2.95 | 2.40 | 1.02 | 2.85 | 1.78 |
| AHW4532F | 4.80 | 3.40 | 3.15 | 1.15 | 3.05 | 3.00 |

Electrical Characteristics

● AHW1005F Series

| Part Number | Inductance | L/Q Test Freq. | Self-resonant Frequency | DC Resistance | Heat Rating Current |
|-----------------|---------------|----------------|-------------------------|---------------|---------------------|
| | | | Min. | Max. | Max. |
| Units | μH | MHz | MHz | Ω | mA |
| Symbol | L | Freq. | S.R.F | DCR | I _{rms} |
| AHW1005F-78N□TF | 0.078 | 7.9 | 1600 | 0.13 | 970 |
| AHW1005F-R10□TF | 0.1 | 7.9 | 1400 | 0.16 | 900 |
| AHW1005F-R11□TF | 0.11 | 7.9 | 1000 | 0.20 | 850 |
| AHW1005F-R12□TF | 0.12 | 7.9 | 1000 | 0.20 | 850 |
| AHW1005F-R14□TF | 0.14 | 7.9 | 1220 | 0.26 | 630 |
| AHW1005F-R15□TF | 0.15 | 7.9 | 1220 | 0.26 | 630 |
| AHW1005F-R18□TF | 0.18 | 7.9 | 1150 | 0.28 | 560 |
| AHW1005F-R20□TF | 0.2 | 7.9 | 1000 | 0.44 | 400 |
| AHW1005F-R22□TF | 0.22 | 7.9 | 1150 | 0.53 | 380 |
| AHW1005F-R25□TF | 0.25 | 7.9 | 900 | 0.90 | 360 |
| AHW1005F-R27□TF | 0.27 | 7.9 | 860 | 0.90 | 360 |
| AHW1005F-R30□TF | 0.3 | 7.9 | 860 | 0.90 | 360 |
| AHW1005F-R36□TF | 0.36 | 7.9 | 810 | 0.90 | 250 |
| AHW1005F-R39□TF | 0.39 | 7.9 | 760 | 1.00 | 200 |
| AHW1005F-R47□TF | 0.47 | 7.9 | 650 | 1.00 | 200 |
| AHW1005F-R56□TF | 0.56 | 7.9 | 600 | 1.20 | 200 |
| AHW1005F-R82□TF | 0.82 | 7.9 | 385 | 5.85 | 90 |
| AHW1005F-1R0□TF | 1 | 7.9 | 200 | 6.50 | 50 |

Electrical Characteristics

● AHW1608F Series

| Part Number | Inductance | L/Q Test Freq. | Quality Factor | Self-resonant Frequency | DC Resistance | Heat Rating Current |
|-----------------|------------|----------------|----------------|-------------------------|---------------|---------------------|
| | | | | Min. | Max. | Max. |
| Units | μH | MHz | - | MHz | Ω | mA |
| Symbol | L | Freq. | Q | S.R.F | DCR | I _{rms} |
| AHW1608F-R12□TF | 0.12 | 7.9 | 12 | 1000 | 0.15 | 1000 |
| AHW1608F-R18□TF | 0.18 | 7.9 | 12 | 950 | 0.20 | 1000 |
| AHW1608F-R22□TF | 0.22 | 7.9 | 12 | 775 | 0.30 | 700 |
| AHW1608F-R27□TF | 0.27 | 7.9 | 12 | 775 | 0.30 | 700 |
| AHW1608F-R33□TF | 0.33 | 7.9 | 12 | 725 | 0.32 | 600 |
| AHW1608F-R39□TF | 0.39 | 7.9 | 12 | 620 | 0.51 | 500 |
| AHW1608F-R47□TF | 0.47 | 7.9 | 12 | 540 | 0.43 | 570 |
| AHW1608F-R56□TF | 0.56 | 7.9 | 12 | 600 | 0.65 | 400 |
| AHW1608F-R68□TF | 0.68 | 7.9 | 12 | 500 | 1.00 | 380 |
| AHW1608F-R82□TF | 0.82 | 7.9 | 12 | 500 | 1.30 | 350 |
| AHW1608F-1R0□TF | 1 | 7.9 | 12 | 400 | 0.81 | 330 |
| AHW1608F-1R2□TF | 1.2 | 7.9 | 12 | 380 | 1.70 | 320 |
| AHW1608F-1R5□TF | 1.5 | 7.9 | 12 | 300 | 1.30 | 310 |
| AHW1608F-1R8□TF | 1.8 | 7.9 | 12 | 180 | 2.20 | 300 |
| AHW1608F-2R2□TF | 2.2 | 7.9 | 12 | 180 | 2.30 | 280 |
| AHW1608F-2R7□TF | 2.7 | 7.9 | 12 | 150 | 2.60 | 250 |
| AHW1608F-3R3□TF | 3.3 | 7.9 | 12 | 150 | 2.90 | 230 |
| AHW1608F-3R9□TF | 3.9 | 7.9 | 12 | 100 | 2.00 | 200 |
| AHW1608F-4R7□TF | 4.7 | 7.9 | 12 | 100 | 4.00 | 200 |
| AHW1608F-5R6□TF | 5.6 | 7.9 | 12 | 32 | 2.60 | 240 |
| AHW1608F-6R8□TF | 6.8 | 7.9 | 12 | 31 | 3.90 | 200 |
| AHW1608F-8R2□TF | 8.2 | 7.9 | 12 | 26 | 4.20 | 190 |
| AHW1608F-100□TF | 10 | 2.5 | 12 | 25 | 4.80 | 180 |
| AHW1608F-150□TF | 15 | 2.5 | 10 | 23 | 8.50 | 170 |
| AHW1608F-220□TF | 22 | 2.5 | 10 | 10 | 12.00 | 100 |

● AHW2012F Series

| Part Number | Inductance | L/Q Test Freq. | Quality Factor | Self-resonant Frequency | DC Resistance | Heat Rating Current |
|-----------------|------------|----------------|----------------|-------------------------|---------------|---------------------|
| | | | | Min. | Max. | Max. |
| Units | μH | MHz | - | MHz | Ω | mA |
| Symbol | L | Freq. | Q | S.R.F | DCR | I _{rms} |
| AHW2012F-R12□TF | 0.12 | 7.9 | 19 | 340 | 0.27 | 750 |
| AHW2012F-R15□TF | 0.15 | 7.9 | 19 | 480 | 0.30 | 720 |
| AHW2012F-R18□TF | 0.18 | 7.9 | 19 | 480 | 0.40 | 720 |
| AHW2012F-R22□TF | 0.22 | 7.9 | 19 | 480 | 0.40 | 720 |
| AHW2012F-R39□TF | 0.39 | 25 | 19 | 500 | 0.31 | 720 |
| AHW2012F-R47□TF | 0.47 | 7.9 | 19 | 500 | 0.31 | 720 |
| AHW2012F-R56□TF | 0.56 | 7.9 | 12 | 400 | 0.46 | 400 |
| AHW2012F-R68□TF | 0.68 | 7.9 | 19 | 400 | 0.46 | 590 |
| AHW2012F-R81□TF | 0.81 | 7.9 | 12 | 360 | 1.00 | 520 |
| AHW2012F-1R0□TF | 1 | 7.9 | 12 | 360 | 1.00 | 430 |
| AHW2012F-1R2□TF | 1.2 | 7.9 | 12 | 350 | 1.15 | 410 |
| AHW2012F-1R5□TF | 1.5 | 7.9 | 12 | 300 | 1.20 | 400 |
| AHW2012F-1R8□TF | 1.8 | 7.9 | 12 | 300 | 1.35 | 380 |
| AHW2012F-2R2□TF | 2.2 | 7.9 | 12 | 170 | 1.50 | 350 |

Electrical Characteristics

● AHW2012F Series

| Part Number | Inductance | L/Q Test Freq. | Quality Factor | Self-resonant Frequency | DC Resistance | Heat Rating Current |
|-----------------|------------|----------------|----------------|-------------------------|---------------|---------------------|
| | | | | Min. | Max. | Max. |
| Units | μH | MHz | - | MHz | Ω | mA |
| Symbol | L | Freq. | Q | S.R.F | DCR | I _{rms} |
| AHW2012F-2R7□TF | 2.7 | 7.9 | 12 | 100 | 1.70 | 320 |
| AHW2012F-3R3□TF | 3.3 | 7.9 | 12 | 90 | 1.80 | 300 |
| AHW2012F-3R9□TF | 3.9 | 7.9 | 12 | 90 | 1.95 | 280 |
| AHW2012F-4R7□TF | 4.7 | 7.9 | 12 | 85 | 2.05 | 250 |
| AHW2012F-5R6□TF | 5.6 | 7.9 | 12 | 70 | 2.30 | 240 |
| AHW2012F-6R8□TF | 6.8 | 7.9 | 12 | 55 | 2.60 | 220 |
| AHW2012F-8R2□TF | 8.2 | 7.9 | 12 | 50 | 3.00 | 180 |
| AHW2012F-100□TF | 10 | 2.5 | 10 | 30 | 2.55 | 150 |
| AHW2012F-120□TF | 12 | 2.5 | 10 | 16 | 3.50 | 100 |
| AHW2012F-150□TF | 15 | 2.5 | 10 | 16 | 4.20 | 100 |
| AHW2012F-180□TF | 18 | 2.5 | 10 | 15 | 4.50 | 95 |
| AHW2012F-220□TF | 22 | 2.5 | 10 | 14 | 6.00 | 80 |
| AHW2012F-270□TF | 27 | 2.5 | 10 | 17 | 10.70 | 60 |
| AHW2012F-330□TF | 33 | 2.5 | 10 | 17 | 10.70 | 60 |
| AHW2012F-470□TF | 47 | 2.5 | 10 | 14 | 13.80 | 55 |
| AHW2012F-680□TF | 68 | 2.5 | 8 | 11 | 17.50 | 40 |
| AHW2012F-101□TF | 100 | 1 | 8 | 5 | 25.00 | 30 |
| AHW2012F-111□TF | 110 | 1 | 8 | 5 | 26.00 | 20 |

● AHW2520F Series

| Part Number | Inductance | L/Q Test Freq. | Quality Factor | Self-resonant Frequency | DC Resistance | Heat Rating Current |
|-----------------|------------|----------------|----------------|-------------------------|---------------|---------------------|
| | | | | Min. | Max. | Max. |
| Units | μH | MHz | - | MHz | Ω | mA |
| Symbol | L | Freq. | Q | S.R.F | DCR | I _{rms} |
| AHW2520F-R39□TF | 0.39 | 7.9 | 12 | 400 | 0.40 | 500 |
| AHW2520F-R47□TF | 0.47 | 25 | 12 | 600 | 0.27 | 700 |
| AHW2520F-R56□TF | 0.56 | 7.9 | 12 | 230 | 0.62 | 700 |
| AHW2520F-R68□TF | 0.68 | 7.9 | 12 | 230 | 0.62 | 700 |
| AHW2520F-R82□TF | 0.82 | 7.9 | 12 | 230 | 0.62 | 700 |
| AHW2520F-R90□TF | 0.9 | 7.9 | 20 | 300 | 0.35 | 1400 |
| AHW2520F-1R0□TF | 1 | 7.9 | 18 | 230 | 0.62 | 700 |
| AHW2520F-1R2□TF | 1.2 | 7.9 | 18 | 210 | 0.68 | 650 |
| AHW2520F-1R5□TF | 1.5 | 7.9 | 18 | 190 | 0.76 | 630 |
| AHW2520F-1R8□TF | 1.8 | 7.9 | 18 | 170 | 0.84 | 600 |
| AHW2520F-2R0□TF | 2 | 7.9 | 18 | 160 | 1.10 | 550 |
| AHW2520F-2R2□TF | 2.2 | 7.9 | 18 | 150 | 1.10 | 520 |
| AHW2520F-2R7□TF | 2.7 | 7.9 | 18 | 135 | 1.28 | 490 |
| AHW2520F-3R3□TF | 3.3 | 7.9 | 18 | 120 | 1.46 | 450 |
| AHW2520F-3R9□TF | 3.9 | 7.9 | 18 | 105 | 2.30 | 300 |
| AHW2520F-4R7□TF | 4.7 | 7.9 | 18 | 90 | 2.00 | 400 |
| AHW2520F-5R6□TF | 5.6 | 7.9 | 15 | 80 | 1.80 | 380 |
| AHW2520F-6R8□TF | 6.8 | 7.9 | 15 | 70 | 2.00 | 360 |
| AHW2520F-8R2□TF | 8.2 | 7.9 | 15 | 65 | 2.65 | 330 |
| AHW2520F-100□TF | 10 | 2.5 | 12 | 60 | 2.95 | 300 |

Electrical Characteristics

● AHW2520F Series

| Part Number | Inductance | L/Q Test Freq. | Quality Factor | Self-resonant Frequency | DC Resistance | Heat Rating Current |
|-----------------|------------|----------------|----------------|-------------------------|---------------|---------------------|
| | | | | Min. | Max. | Max. |
| Units | μH | MHz | - | MHz | Ω | mA |
| Symbol | L | Freq. | Q | S.R.F | DCR | Irms |
| AHW2520F-150□TF | 15 | 2.5 | 12 | 30 | 3.70 | 280 |
| AHW2520F-180□TF | 18 | 2.5 | 12 | 26 | 4.00 | 160 |
| AHW2520F-220□TF | 22 | 2.5 | 12 | 22 | 6.14 | 270 |
| AHW2520F-330□TF | 33 | 2.5 | 10 | 12 | 7.00 | 200 |
| AHW2520F-390□TF | 39 | 2.5 | 10 | 16 | 10.00 | 180 |
| AHW2520F-470□TF | 47 | 2.5 | 10 | 10 | 10.70 | 160 |
| AHW2520F-560□TF | 56 | 2.5 | 10 | 8 | 12.00 | 170 |
| AHW2520F-680□TF | 68 | 2.5 | 10 | 6 | 13.50 | 145 |
| AHW2520F-820□TF | 82 | 2.5 | 8 | 6 | 20.00 | 100 |

● AHW3225F Series

| Part Number | Inductance | L/Q Test Freq. | Quality Factor | Self-resonant Frequency | DC Resistance | Heat Rating Current |
|-----------------|------------|----------------|----------------|-------------------------|---------------|---------------------|
| | | | | Min. | Max. | Max. |
| Units | μH | MHz | - | MHz | Ω | mA |
| Symbol | L | Freq. | Q | S.R.F | DCR | Irms |
| AHW3225F-R56□TF | 0.56 | 25 | 20 | 180 | 0.55 | 450 |
| AHW3225F-R82□TF | 0.82 | 7.9 | 20 | 200 | 0.40 | 450 |
| AHW3225F-1R0□TF | 1 | 7.9 | 20 | 200 | 0.40 | 450 |
| AHW3225F-1R2□TF | 1.2 | 7.9 | 20 | 200 | 0.40 | 450 |
| AHW3225F-1R5□TF | 1.5 | 7.9 | 20 | 200 | 0.40 | 450 |
| AHW3225F-1R8□TF | 1.8 | 7.9 | 20 | 195 | 0.80 | 450 |
| AHW3225F-2R2□TF | 2.2 | 7.9 | 30 | 175 | 0.80 | 450 |
| AHW3225F-3R3□TF | 3.3 | 7.9 | 20 | 150 | 1.20 | 400 |
| AHW3225F-4R7□TF | 4.7 | 7.9 | 18 | 60 | 1.30 | 350 |
| AHW3225F-5R6□TF | 5.6 | 7.9 | 18 | 50 | 2.00 | 320 |
| AHW3225F-6R8□TF | 6.8 | 7.9 | 18 | 35 | 1.50 | 310 |
| AHW3225F-8R2□TF | 8.2 | 7.9 | 15 | 33 | 1.60 | 305 |
| AHW3225F-100□TF | 10 | 2.5 | 15 | 30 | 1.00 | 300 |
| AHW3225F-120□TF | 12 | 2.5 | 15 | 25 | 1.80 | 300 |
| AHW3225F-150□TF | 15 | 2.5 | 15 | 22 | 2.00 | 225 |
| AHW3225F-180□TF | 18 | 2.5 | 15 | 22 | 2.05 | 215 |
| AHW3225F-220□TF | 22 | 2.5 | 15 | 20 | 2.40 | 210 |
| AHW3225F-270□TF | 27 | 2.5 | 15 | 20 | 2.80 | 160 |
| AHW3225F-330□TF | 33 | 2.5 | 15 | 15 | 2.90 | 160 |
| AHW3225F-470□TF | 47 | 2.5 | 15 | 10 | 5.20 | 140 |
| AHW3225F-560□TF | 56 | 2.5 | 8 | 8 | 5.60 | 125 |
| AHW3225F-680□TF | 68 | 1 | 6 | 10 | 13.00 | 100 |
| AHW3225F-820□TF | 82 | 1 | 6 | 10 | 13.00 | 100 |
| AHW3225F-101□TF | 100 | 1 | 6 | 10 | 13.00 | 100 |
| AHW3225F-221□TF | 220 | 1 | 8 | 2.6 | 30.00 | 65 |
| AHW3225F-331□TF | 330 | 1 | 8 | 2.3 | 35.00 | 55 |
| AHW3225F-471□TF | 470 | 1 | 8 | 2 | 42.00 | 40 |
| AHW3225F-561□TF | 560 | 1 | 8 | 3 | 60.00 | 10 |
| AHW3225F-621□TF | 620 | 1 | 8 | 2 | 85.00 | 10 |
| AHW3225F-681□TF | 680 | 1 | 6 | 2 | 90.00 | 10 |

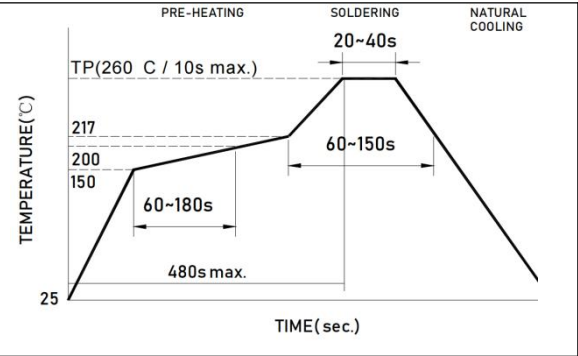
Electrical Characteristics

● AHW4532F Series

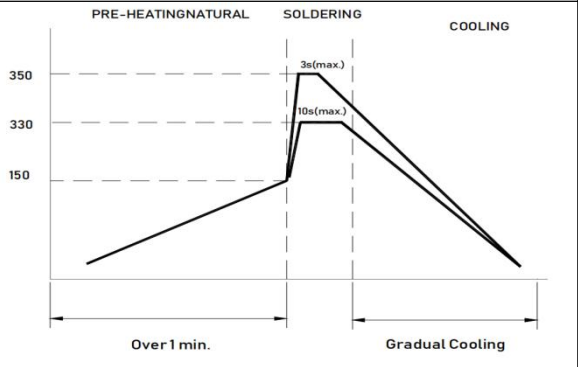
| Part Number | Inductance | L/Q Test Freq. | Quality Factor | Self-resonant Frequency | DC Resistance | Heat Rating Current |
|-----------------|------------|----------------|----------------|-------------------------|---------------|---------------------|
| | | | | Min. | Max. | Max. |
| Units | μH | MHz | - | MHz | Ω | mA |
| Symbol | L | Freq. | Q | S.R.F | DCR | I _{rms} |
| AHW4532F-R33□TF | 0.33 | 25.2 | 10 | 380 | 0.13 | 1000 |
| AHW4532F-R56□TF | 0.56 | 25.2 | 10 | 300 | 0.15 | 1000 |
| AHW4532F-R82□TF | 0.82 | 25.2 | 10 | 250 | 0.20 | 1000 |
| AHW4532F-1R0□TF | 1 | 7.96 | 15 | 200 | 0.22 | 1000 |
| AHW4532F-1R2□TF | 1.2 | 7.96 | 15 | 200 | 0.35 | 1000 |
| AHW4532F-1R5□TF | 1.5 | 7.96 | 15 | 180 | 0.32 | 1000 |
| AHW4532F-1R8□TF | 1.8 | 7.96 | 15 | 160 | 0.35 | 950 |
| AHW4532F-2R2□TF | 2.2 | 7.96 | 15 | 150 | 0.37 | 900 |
| AHW4532F-2R7□TF | 2.7 | 7.96 | 15 | 145 | 0.37 | 850 |
| AHW4532F-3R3□TF | 3.3 | 7.96 | 15 | 140 | 0.48 | 800 |
| AHW4532F-3R9□TF | 3.9 | 7.96 | 15 | 135 | 0.60 | 750 |
| AHW4532F-4R7□TF | 4.7 | 7.96 | 15 | 120 | 1.00 | 700 |
| AHW4532F-5R6□TF | 5.6 | 7.96 | 15 | 110 | 0.55 | 650 |
| AHW4532F-6R8□TF | 6.8 | 7.96 | 15 | 80 | 0.80 | 600 |
| AHW4532F-8R2□TF | 8.2 | 7.96 | 10 | 70 | 0.85 | 600 |
| AHW4532F-100□TF | 10 | 2.52 | 10 | 65 | 1.00 | 550 |
| AHW4532F-120□TF | 12 | 2.52 | 10 | 55 | 1.10 | 550 |
| AHW4532F-150□TF | 15 | 2.52 | 10 | 35 | 1.20 | 500 |
| AHW4532F-180□TF | 18 | 2.52 | 10 | 29 | 1.20 | 500 |
| AHW4532F-220□TF | 22 | 2.52 | 10 | 20 | 1.30 | 450 |
| AHW4532F-270□TF | 27 | 2.52 | 10 | 20 | 1.50 | 400 |
| AHW4532F-330□TF | 33 | 2.52 | 10 | 18 | 1.70 | 350 |
| AHW4532F-390□TF | 39 | 2.52 | 10 | 14 | 1.80 | 350 |
| AHW4532F-470□TF | 47 | 2.52 | 10 | 10 | 2.00 | 300 |
| AHW4532F-560□TF | 56 | 2.52 | 10 | 10 | 2.20 | 290 |
| AHW4532F-680□TF | 68 | 2.52 | 10 | 5.4 | 2.40 | 260 |
| AHW4532F-820□TF | 82 | 2.52 | 10 | 5.2 | 2.80 | 240 |
| AHW4532F-101□TF | 100 | 0.796 | 10 | 4 | 3.00 | 220 |
| AHW4532F-121□TF | 120 | 0.796 | 10 | 3.3 | 3.30 | 220 |
| AHW4532F-151□TF | 150 | 0.796 | 10 | 3 | 3.70 | 200 |
| AHW4532F-181□TF | 180 | 0.796 | 10 | 3 | 4.50 | 200 |
| AHW4532F-221□TF | 220 | 0.796 | 10 | 2.5 | 8.00 | 170 |
| AHW4532F-271□TF | 270 | 0.796 | 10 | 2.2 | 8.50 | 160 |
| AHW4532F-331□TF | 330 | 0.796 | 10 | 2 | 9.00 | 150 |
| AHW4532F-391□TF | 390 | 0.796 | 10 | 1.8 | 9.50 | 130 |
| AHW4532F-471□TF | 470 | 0.796 | 8 | 1.6 | 10.40 | 120 |
| AHW4532F-561□TF | 560 | 0.796 | 8 | 1.5 | 12.50 | 110 |
| AHW4532F-681□TF | 680 | 0.796 | 8 | 1.5 | 14.00 | 100 |
| AHW4532F-751□TF | 750 | 0.796 | 8 | 1.5 | 14.50 | 95 |
| AHW4532F-821□TF | 820 | 0.796 | 8 | 1.5 | 15.00 | 95 |
| AHW4532F-102□TF | 1000 | 0.252 | 6 | 1.4 | 16.50 | 90 |

Soldering Conditions

- Preheat circuit and products to 150 °C
- 260 °C tip temperature (max)
- Reflow times: no more than 2 times
- Solder paste thickness: the best 0.08mm is ,but max is 0.1mm



- Use a 20 watt soldering iron with tip diameter of 1.0mm
- Limit soldering time to 3 sec.



Note:
 This series product is not applies in automotive or related products. Otherwise, we will shall not bear than the resulting all the problems of quality and responsibility.

Please be sure to request approval specifications that provide further details of the products. Kindly not that the content of these specifications are subject to change or may be discontinued without prior notice. This product may not be designed/used in medical or high risk applications without APV approval.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

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[PE-53601NL](#) [PE-53602NL](#) [PG0936.113NLT](#) [9220-20](#) [9310-16](#) [PM06-2N7](#) [PM06-39NJ](#) [A01TK](#) [1206CS-471XJ](#) [HC2-R47-R](#) [HC8-1R2-R](#)
[HCF1305-3R3-R](#) [1206CS-151XG](#) [RCH664NP-4R7M](#) [RCP1317NP-391L](#) [DH2280-4R7M](#) [DS1608C-106](#) [B10TJ](#) [B82498B3101J000](#) [ELJ-](#)
[RE27NJF2](#) [1812CS-153XJ](#) [1812CS-183XJ](#) [1812CS-223XJ](#) [1812LS-104XJ](#) [1812LS-105XJ](#) [1812LS-124XJ](#) [1812LS-154XJ](#) [1812LS-223XJ](#)
[1812LS-224XJ](#) [1812LS-563XJ](#) [1812LS-683XJ](#) [1812LS-824XJ](#) [NIN-FB101JTR110F](#) [NIN-FB471JTR62F](#) [NIN-FC1R5JTR220F](#) [NIN-](#)
[HCR15JTRF](#) [NIN-HCR33JTRF](#) [NIN-HDR22JTRF](#) [NIN-HDR82JTRF](#) [NIN-HK2N7STRF](#) [NIN-PA150KTR370F](#) [NIN-PB100KTR550F](#)