

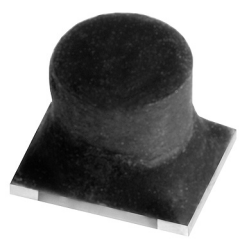
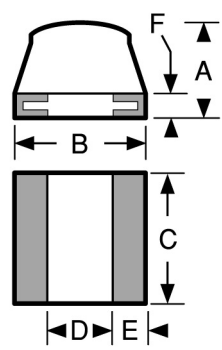
SERIES

4379R Micro i®
4379 Micro i®



Shielded Surface Mount Inductors

MIL DASH # (Reference)
 DASH NUMBER
 INDUCTANCE (µH) ±10%
 TEST FREQUENCY (MHz)
 Q MINIMUM
 SRF MINIMUM (MHz)
 MAXIMUM (MHz)
 DC RESISTANCE (OHMS)
 CURRENT RATING MAXIMUM (mA)



Actual Size

Physical Parameters

| | Inches | Millimeters |
|---|-------------------|------------------|
| A | 0.140 Max. | 3.56 Max. |
| B | 0.147 to 0.163 | 3.73 to 4.14 |
| C | 0.117 to 0.133 | 2.97 to 3.38 |
| D | 0.070 Min. | 1.78 Min. |
| E | 0.017 to 0.033 | 0.43 to 0.84 |
| F | 0.020 Max. (Typ.) | 0.51 Max. (Typ.) |

Current Rating at 90°C Ambient 35°C Rise

Operating Temperature -55°C to +125°C

Maximum Power Dissipation at 90°C 0.155 W

Termination Standard: Tin/Lead Sn63

Inductance Tolerance Desired tolerance is specified by substituting alpha characters in the part number: H=3%, J=5%, K=10%, and M=20%. Standard series tolerance is ±10%.

Mechanical Configuration Units are epoxy encapsulated. Contact area for reflow are solder coated. Internal connections are thermal compression bonded.

Notes 1) Designed specifically for reflow soldering and other high temperature processes with metalized edges to exhibit solder fillet. 2) Self Resonant Frequency (SRF) values 260 MHz and above are calculated and for reference only.

Packaging Tape & reel (12mm): 7" reel, 650 pieces max.; 13" reel, 2500 pieces max.

MIL-PRF-83446/11 (Reference)

Made in the U.S.A.

| M83446/11- (Ref.) SERIES 4379 FERRITE CORE & SLEEVE | | | | | | | |
|---|-----|-------|-----|------|-----|-------|------|
| -101KS | 62 | 0.10 | 79 | 25.0 | 600 | 0.03 | 1000 |
| -121KS | 63 | 0.12 | 79 | 25.0 | 520 | 0.03 | 1000 |
| -151KS | 64 | 0.15 | 79 | 25.0 | 490 | 0.03 | 1000 |
| -181KS | 65 | 0.18 | 79 | 25.0 | 460 | 0.04 | 1000 |
| -221KS | 66 | 0.22 | 79 | 25.0 | 430 | 0.04 | 1000 |
| -271KS | 67 | 0.27 | 88 | 25.0 | 370 | 0.04 | 1000 |
| -331KS | 68 | 0.33 | 93 | 25.0 | 310 | 0.05 | 750 |
| -391KS | 69 | 0.39 | 102 | 25.0 | 280 | 0.05 | 750 |
| -471KS | 70 | 0.47 | 106 | 25.0 | 260 | 0.05 | 750 |
| -561KS | 71 | 0.56 | 106 | 25.0 | 240 | 0.06 | 700 |
| -681KS | 72 | 0.68 | 106 | 25.0 | 200 | 0.06 | 700 |
| -821KS | 73 | 0.82 | 106 | 25.0 | 185 | 0.06 | 700 |
| -102KS | 74 | 1.0 | 106 | 25.0 | 175 | 0.09 | 650 |
| -122KS | 75 | 1.2 | 90 | 7.9 | 150 | 0.09 | 650 |
| -152KS | 76 | 1.5 | 100 | 7.9 | 135 | 0.14 | 600 |
| -182KS | 77 | 1.8 | 100 | 7.9 | 120 | 0.20 | 500 |
| -222KS | 78 | 2.2 | 100 | 7.9 | 105 | 0.30 | 400 |
| -272KS | 79 | 2.7 | 100 | 7.9 | 85 | 0.40 | 350 |
| -332KS | 80 | 3.3 | 100 | 7.9 | 80 | 0.46 | 330 |
| -392KS | 81 | 3.9 | 105 | 7.9 | 64 | 0.52 | 310 |
| -472KS | 82 | 4.7 | 115 | 7.9 | 56 | 0.54 | 300 |
| -562KS | 83 | 5.6 | 115 | 7.9 | 49 | 0.60 | 285 |
| -682KS | 84 | 6.8 | 115 | 7.9 | 45 | 0.66 | 270 |
| -822KS | 85 | 8.2 | 115 | 7.9 | 41 | 1.00 | 225 |
| -103KS | 86 | 10 | 100 | 7.9 | 39 | 1.20 | 200 |
| -123KS | 87 | 12 | 100 | 2.5 | 34 | 1.5 | 180 |
| -153KS | 88 | 15 | 100 | 2.5 | 30 | 1.8 | 170 |
| -183KS | 89 | 18 | 100 | 2.5 | 26 | 1.9 | 160 |
| -223KS | 90 | 22 | 105 | 2.5 | 23 | 2.1 | 150 |
| -273KS | 91 | 27 | 110 | 2.5 | 20 | 2.4 | 140 |
| -333KS | 92 | 33 | 120 | 2.5 | 18 | 2.7 | 130 |
| -393KS | 93 | 39 | 120 | 2.5 | 17 | 3.1 | 125 |
| -473KS | 94 | 47 | 120 | 2.5 | 16 | 3.2 | 125 |
| -563KS | 95 | 56 | 110 | 2.5 | 14 | 3.5 | 120 |
| -683KS | 96 | 68 | 110 | 2.5 | 12 | 4.0 | 111 |
| -823KS | 97 | 82 | 110 | 2.5 | 10 | 4.8 | 102 |
| -104KS | 98 | 100 | 110 | 2.5 | 9.4 | 5.7 | 93 |
| -124KS | 99 | 120 | 85 | 0.79 | 8.0 | 6.2 | 89 |
| -154KS | 100 | 150 | 85 | 0.79 | 8.0 | 6.3 | 89 |
| -184KS | 101 | 180 | 85 | 0.79 | 6.9 | 6.4 | 88 |
| -224KS | 102 | 220 | 85 | 0.79 | 6.1 | 7.4 | 82 |
| -274KS | 103 | 270 | 85 | 0.79 | 5.2 | 8.1 | 78 |
| -334KS | 104 | 330 | 100 | 0.79 | 4.6 | 8.8 | 75 |
| -394KS | 105 | 390 | 100 | 0.79 | 4.0 | 9.7 | 72 |
| -474KS | 106 | 470 | 100 | 0.79 | 3.6 | 10.0 | 69 |
| -564KS | 107 | 560 | 100 | 0.79 | 2.8 | 11.0 | 66 |
| -684KS | 108 | 680 | 100 | 0.79 | 2.3 | 12.0 | 64 |
| -824KS | 109 | 820 | 95 | 0.79 | 2.1 | 17.0 | 53 |
| -105KS | 110 | 1000 | 95 | 0.79 | 2.0 | 22.0 | 47 |
| -125KS | 111 | 1200 | 75 | 0.25 | 1.7 | 24.0 | 45 |
| -155KS | 112 | 1500 | 75 | 0.25 | 1.6 | 25.0 | 44 |
| -185KS | 113 | 1800 | 75 | 0.25 | 1.5 | 27.0 | 43 |
| -225KS | 114 | 2200 | 75 | 0.25 | 1.4 | 30.0 | 40 |
| -275KS | 115 | 2700 | 75 | 0.25 | 1.3 | 34.0 | 38 |
| -335KS | 116 | 3300 | 75 | 0.25 | 1.2 | 39.0 | 35 |
| -395KS | 117 | 3900 | 75 | 0.25 | 1.1 | 56.0 | 29 |
| -475KS | 118 | 4700 | 75 | 0.25 | 1.0 | 70.0 | 26 |
| -565KS | 119 | 5600 | 75 | 0.25 | 0.9 | 80.0 | 25 |
| -685KS | 120 | 6800 | 75 | 0.25 | 0.8 | 90.0 | 23 |
| -825KS | 121 | 8200 | 75 | 0.25 | 0.7 | 100.0 | 22 |
| -106KS | 122 | 10000 | 75 | 0.25 | 0.7 | 110.0 | 21 |

Optional Tolerances: J = 5% H = 3%
 *Complete part # must include series # PLUS the dash #
 For surface finish information, refer to www.delevanfinishes.com

Mouser Electronics

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API Delevan:

[4379-153KS](#) [4379-335KS](#) [4379-271KS](#) [4379-124KS](#) [4379-224KS](#) [4379-101KS](#) [4379-101JS](#) [4379-101HS](#) [4379-121KS](#) [4379-121HS](#) [4379-151KS](#) [4379-151JS](#) [4379-151HS](#) [4379-181KS](#) [4379-181JS](#) [4379-181HS](#) [4379-221KS](#) [4379-221JS](#) [4379-221HS](#) [4379-271JS](#) [4379-271HS](#) [4379-331KS](#) [4379-331JS](#) [4379-331HS](#) [4379-391KS](#) [4379-391JS](#) [4379-391HS](#) [4379-471KS](#) [4379-471JS](#) [4379-471HS](#) [4379-561KS](#) [4379-561JS](#) [4379-561HS](#) [4379-681KS](#) [4379-681JS](#) [4379-681HS](#) [4379-821KS](#) [4379-821JS](#) [4379-821HS](#) [4379-102KS](#) [4379-102JS](#) [4379-102HS](#) [4379-122KS](#) [4379-122JS](#) [4379-122HS](#) [4379-152KS](#) [4379-152JS](#) [4379-152HS](#) [4379-182KS](#) [4379-182JS](#) [4379-182HS](#) [4379-222KS](#) [4379-222JS](#) [4379-222HS](#) [4379-272KS](#) [4379-272JS](#) [4379-272HS](#) [4379-332KS](#) [4379-332JS](#) [4379-332HS](#) [4379-392KS](#) [4379-392JS](#) [4379-392HS](#) [4379-472KS](#) [4379-472JS](#) [4379-472HS](#) [4379-562KS](#) [4379-562JS](#) [4379-562HS](#) [4379-682KS](#) [4379-682JS](#) [4379-682HS](#) [4379-822KS](#) [4379-822JS](#) [4379-822HS](#) [4379-103KS](#) [4379-103JS](#) [4379-103HS](#) [4379-123KS](#) [4379-123HS](#) [4379-153JS](#) [4379-153HS](#) [4379-183KS](#) [4379-183JS](#) [4379-183HS](#) [4379-223KS](#) [4379-223HS](#) [4379-273KS](#) [4379-273HS](#) [4379-333KS](#) [4379-333HS](#) [4379-393KS](#) [4379-393HS](#) [4379-473KS](#) [4379-473JS](#) [4379-473HS](#) [4379-563KS](#) [4379-563JS](#) [4379-563HS](#) [4379-683KS](#)