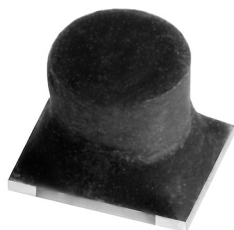
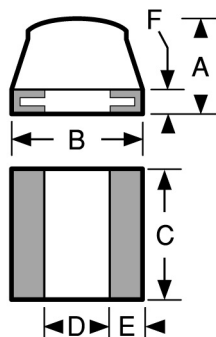


**SERIES****4379R Micro i®**  
**4379 Micro i®**RoHS  
CompliantTraditional  
First QualityMIL DASH # (Reference)  
DASH NUMBER\*

INDUCTANCE (μH) ±10%

TEST FREQUENCY (MHz)  
Q MINIMUM

SRF MINIMUM (MHz)

DC RESISTANCE  
MAXIMUM (OHMS)CURRENT RATING  
MAXIMUM (mA)**Shielded Surface Mount Inductors**

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.**

Optional Tolerances: J = 5% H = 3%

\*Complete part # must include series # PLUS the dash #

For surface finish information,  
refer to [www.delevanfinishes.com](http://www.delevanfinishes.com)**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   |