

## Dual Transducers

### Standard Dual Transducers

| ECHO Model | Part No.   | Range in Steel            | Echo to Echo Range in Steel       | Freq.    | Diameter      | Temperature Range | Connector Type               |
|------------|------------|---------------------------|-----------------------------------|----------|---------------|-------------------|------------------------------|
| 8, 9       | DK-250     | 0.100"-20" (2.5mm-508mm)  | 0.200"-2" (5.08mm-50.8mm)         | 2.25 MHz | 0.500"/12.7mm | 32-392F/0-200C    | Right Angle Potted - Lemo 00 |
| 8, 9       | DK-525     | 0.040"-20" (1mm-508mm)    | 0.080"-2" (2mm-50.8mm)            | 5.0 MHz  | 0.250"/6.35mm | 32-392F/0-200C    | Right Angle Potted - Lemo 00 |
| 8, 9       | DK-537     | 0.040"-20" (1mm-508mm)    | 0.080"-2" (2mm-50.8mm)            | 5.0 MHz  | 0.375"/9.52mm | 32-392F/0-200C    | Right Angle Potted - Lemo 00 |
| 8, 9       | DKS-537    | 0.040"-20" (1mm-508mm)    | 0.100"-0.750"<br>(2.54mm-19.05mm) | 5.0 MHz  | 0.375"/9.52mm | 32-100F/0-38C     | Right Angle Potted - Lemo 00 |
| 8, 9       | DK-550     | 0.040"-20" (0.76mm-508mm) | 0.080"-2" (2mm-50.8mm)            | 5.0 MHz  | 0.500"/12.7mm | 32-392F/0-200C    | Right Angle Potted - Lemo 00 |
| 8, 9       | DK-718     | 0.030"-2" (0.76mm-50.8mm) | 0.060"-1" (1.52mm-25.4mm)         | 7.5 MHz  | 0.187"/4.75mm | 32-392F/0-200C    | Right Angle Potted - Lemo 00 |
| 8, 9       | DK-718LPM* | 0.050"-2" (1.25mm-50.8mm) | N/A                               | 7.5 MHz  | 0.187"/4.75mm | 32-392F/0-200C    | Right Angle Potted - Lemo 00 |
| 8, 9       | DK-1025    | 0.020"-2" (0.5mm-50.8mm)  | 0.060"-1" (1.52mm-25.4mm)         | 10.0 MHz | 0.250"/6.35mm | 32-392F/0-200C    | Right Angle Potted - Lemo 00 |

\*LPM = Low Profile Mini; probe height 16mm, top dia. 12mm

### Composite Dual Transducers

| ECHO Model | Part No. | Range in Steel            | Echo to Echo Range in Steel | Freq.    | Diameter       | Temperature Range | Connector Type               |
|------------|----------|---------------------------|-----------------------------|----------|----------------|-------------------|------------------------------|
| 8, 9       | DC-110   | 0.200"-20" (5.08mm-508mm) | Not Recommended             | 1.0 MHz  | 1"/25.4mm      | 10-160F/-12-70C   | Right Angle Potted - Lemo 00 |
| 8, 9       | DC-175   | 0.150"-20" (3.81mm-508mm) | Not Recommended             | 1.0 MHz  | 0.750"/19.05mm | 10-160F/-12-70C   | Right Angle Potted - Lemo 00 |
| 8, 9       | DC-250   | 0.100"-20" (2.5mm-508mm)  | 0.200"-2" (5.08mm-50.8mm)   | 2.25 MHz | 0.500"/12.7mm  | 10-160F/-12-70C   | Right Angle Potted - Lemo 00 |
| 8, 9       | DC-525   | 0.030"-20" (0.76mm-508mm) | 0.080"-2" (2mm-50.8mm)      | 5.0 MHz  | 0.250"/6.35mm  | 10-160F/-12-70C   | Right Angle Potted - Lemo 00 |
| 8, 9       | DC-537   | 0.040"-20" (1mm-508mm)    | 0.080"-2" (2mm-50.8mm)      | 5.0 MHz  | 0.375"/9.52mm  | 10-160F/-12-70C   | Right Angle Potted - Lemo 00 |
| 8, 9       | DC-550   | 0.030"-20" (0.76mm-508mm) | 0.080"-2" (2mm-50.8mm)      | 5.0 MHz  | 0.500"/12.7mm  | 10-160F/-12-70C   | Right Angle Potted - Lemo 00 |

### Dual Echo To Echo Transducers

| ECHO Model | Part No. | Range in Steel              | Echo to Echo Range in Steel | Freq.   | Diameter      | Temperature Range | Connector Type               |
|------------|----------|-----------------------------|-----------------------------|---------|---------------|-------------------|------------------------------|
| 8, 9       | DK537EE  | 0.040"-20" (1mm-508mm)      | 0.080"-1.5" (2mm-38.1mm)    | 5.0 MHz | 0.375"/9.52mm | 31-392F/0-200C    | Right Angle Potted - Lemo 00 |
| 8, 9       | DK-718EE | 0.030"-1.5" (0.76mm-38.1mm) | 0.060"-1.0" (1.5mm-25.4mm)  | 7.5 MHz | 0.187"/4.75mm | 31-392F/0-200C    | Right Angle Potted - Lemo 00 |

### Dual High Temp Transducers

| ECHO Model | Part No.  | Range in Steel         | Echo to Echo Range in Steel | Freq.   | Diameter      | Temperature Range         | Connector Type                                    |
|------------|-----------|------------------------|-----------------------------|---------|---------------|---------------------------|---|
| 8, 9       | DHT-537   | 0.040"-20" (1mm-508mm) | 0.080"-2" (2mm-50.8mm)      | 5.0 MHz | 0.375"/9.52mm | -5 to 950F<br>-20 to 509C | Straight Microdot<br>requires detachable cable    |
| 8, 9       | DHT-537RM | 0.040"-20" (1mm-508mm) | 0.080"-2" (2mm-50.8mm)      | 5.0 MHz | 0.375"/9.52mm | -5 to 950F<br>-20 to 509C | Right Angle Microdot<br>requires detachable cable |

### Quick Change Composite Element Angle Beam Transducers

Available in: Diameter: 1/4", 3/8" & 1/2"; Frequencies: 1.0, 2.25, 3.5, 5.0, 7.5 & 10.0 MHz; Standard Wedges: 30°, 45°, 60°, 70°



# Danatronics Transducers

## Contact Transducers

### Standard Contact

| ECHO Model | Part No.   | Range in Steel Class 1         | Range in Steel Class 2 | Range in Steel Class 3 | Range in Plastic | Freq.    | Diameter          | Temperature Range | Connector Type*      |
|------------|------------|--------------------------------|------------------------|------------------------|------------------|----------|-------------------|-------------------|----------------------|
| 7, 8       | DCK-250    | 0.100"-20"<br>(2.54mm - 508mm) | n/a                    | n/a                    | n/a              | 2.25 MHz | 0.500"<br>12.7mm  | 32-392F<br>0-200C | Right Angle Microdot |
| 7, 8       | DCK-525    | 0.040"-20"<br>(1mm-508mm)      | n/a                    | n/a                    | n/a              | 5.0 MHz  | 0.250"<br>6.35mm  | 32-392F<br>0-200C | Right Angle Microdot |
| 7, 8       | DCK-537    | 0.040"-20"<br>(1mm-508mm)      | n/a                    | n/a                    | n/a              | 5.0 MHz  | 0.375"<br>9.52mm  | 32-392F<br>0-200C | Right Angle Microdot |
| 7, 8       | DCK-550    | 0.080"-20"<br>(2mm - 508mm)    | n/a                    | n/a                    | n/a              | 5.0 MHz  | 0.500"<br>12.7mm  | 32-392F<br>0-200C | Right Angle Microdot |
| 7, 8       | DCK-718    | 0.030"-10"<br>(.76mm - 254mm)  | n/a                    | n/a                    | n/a              | 7.5 MHz  | 0.187"<br>4.75mm  | 32-392F<br>0-200C | Right Angle Microdot |
| 7, 8       | DCK-1025   | 0.020"-2"<br>(.5mm - 50.8mm)   | n/a                    | n/a                    | n/a              | 10.0 MHz | 0.25"<br>6.35mm   | 32-392F<br>0-200C | Right Angle Microdot |
| 7, 8       | DCK-1025HR | 0.020"-1"<br>(.5mm - 25.4mm)   | n/a                    | n/a                    | n/a              | 10.0 MHz | 0.25"<br>6.35mm   | 32-392F<br>0-200C | Right Angle Microdot |
| 7, 8       | DCK-20125  | 0.016"-1"<br>(.4mm - 25.4mm)   | n/a                    | n/a                    | n/a              | 20.0 MHz | 0.125"<br>3.175mm | 32-392F<br>0-200C | Right Angle Microdot |

### Contact Composite

| ECHO Model | Part No. | Range in Steel Class 1         | Range in Steel Class 2 | Range in Steel Class 3 | Range in Plastic | Freq.      | Diameter          | Temperature Range  | Connector Type*      |
|------------|----------|--------------------------------|------------------------|------------------------|------------------|------------|-------------------|--------------------|----------------------|
| 7, 8       | DCC-110  | 0.300"-20"<br>(7.62mm - 508mm) | n/a                    | n/a                    | n/a              | 1.0 MHz    | 1"<br>25.4mm      | 10-160F<br>-12-70C | Right Angle Microdot |
| 7, 8       | DCC-175  | 0.300"-20"<br>(7.62mm - 508mm) | n/a                    | n/a                    | n/a              | 1.0 MHz    | 0.750"<br>19.05mm | 10-160F<br>-12-70C | Right Angle Microdot |
| 7, 8       | DCC-250  | 0.100"-20"<br>(2.54 - 508mm)   | n/a                    | n/a                    | n/a              | 2.25.0 MHz | 0.500"<br>12.7mm  | 10-160F<br>-12-70C | Right Angle Microdot |
| 7, 8       | DCC-537  | 0.040"-20"<br>(1mm-508mm)      | n/a                    | n/a                    | n/a              | 5.0 MHz    | 0.375"<br>9.52mm  | 10-160F<br>-12-70C | Right Angle Microdot |

## Delay Line Transducers

### Delay Line Standard

| ECHO Model | Part No.      | Range in Steel Corrosion Mode | Range in Steel Class 2             | Range in Steel Class 3             | Echo to Echo Range in Steel          | Range in Plastic                     | Freq.    | Diameter                | Temperature Range | Connector Type*      |
|------------|---------------|-------------------------------|------------------------------------|------------------------------------|--------------------------------------|--------------------------------------|----------|-------------------------|-------------------|----------------------|
| 7, 8, 9    | DLK-525       | 0.080"-0.750"<br>(2mm-19mm)   | 0.025-0.500"<br>(6.35mm - 12.7mm)  | 0.020"-0.375"<br>(0.5mm - 9.5mm)   | 0.025" - 0.400"<br>(0.635mm-10.16mm) | 0.010"- 0.150"<br>(0.254mm - 3.81mm) | 5.0 MHz  | 0.25"<br>6.35mm         | 32-122F<br>0-50C  | Right Angle Microdot |
| 7, 8, 9    | DLK-1025      | 0.080"-0.750"<br>(2mm-19mm)   | 0.020"-0.500"<br>(0.5mm - 12.7mm)  | 0.015"-0.375"<br>(0.38mm - 9.5mm)  | 0.025" - 0.400"<br>(0.635mm-10.16mm) | 0.010"-0.150"<br>(0.254mm - 3.81mm)  | 10.0 MHz | 0.25"<br>6.35mm         | 32-122F<br>0-50C  | Right Angle Microdot |
| 7, 8, 9    | DLK-1225PP-SM | 0.080"-0.300"<br>(2mm-7.62mm) | 0.020"-0.200"<br>(0.5mm - 5.08mm)  | 0.015"-0.125"<br>(0.38mm - 5.08mm) | 0.020" - 0.200"<br>(0.508mm-5.08mm)  | 0.015"-0.060"<br>(0.15mm - 1.52mm)   | 12.0 MHz | 0.080"<br>2mm (tip dia) | 32-122F<br>0-50C  | Right Angle Microdot |
| 7, 8, 9    | DLK-1225PP-RM | 0.080"-0.300"<br>(2mm-7.62mm) | 0.020"-0.200"<br>(0.5mm - 5.08mm)  | 0.015"-0.125"<br>(0.38mm - 5.08mm) | 0.020" - 0.200"<br>(0.508mm-5.08mm)  | 0.015"-0.060"<br>(0.15mm - 1.52mm)   | 12.0 MHz | 0.080"<br>2mm (tip dia) | 32-122F<br>0-50C  | Right Angle Microdot |
| 7, 8       | DLK-2025      | n/a                           | 0.015"-0.300"<br>(3.81mm - 7.62mm) | 0.006"-0.200"<br>(0.152mm- 7.62mm) | n/a                                  | 0.003"-0.100"<br>(0.076mm - 2.54mm)  | 20 MHz   | 0.25"<br>6.35mm         | 32-122F<br>0-50C  | Right Angle Microdot |
| 7, 8       | DLK-20125     | n/a                           | 0.015"-0.200"<br>(3.81mm - 7.62mm) | 0.006"-0.200"<br>(0.152mm- 7.62mm) | n/a                                  | 0.003"-0.100"<br>(0.076mm - 2.54mm)  | 20 MHz   | 0.125"<br>3.175mm       | 32-122F<br>0-50C  | Right Angle Microdot |

### Delay Line Composite

| ECHO Model | Part No. | Range in Steel Class 1 | Range in Steel Class 2          | Range in Steel Class 3           | Range in Plastic                  | Freq.   | Diameter         | Temperature Range | Connector Type*      |
|------------|----------|------------------------|---------------------------------|----------------------------------|-----------------------------------|---------|------------------|-------------------|----------------------|
| 7, 8       | DLC-525  | n/a                    | 0.040"-0.500"<br>(1mm - 12.7mm) | 0.030"-0.375"<br>(0.762mm-9.5mm) | 0.020"-0.200"<br>(0.5mm - 5.08mm) | 5.0 MHz | 0.375"<br>9.52mm | 32-122F<br>0-50C  | Right Angle Microdot |



\*Right Angle Microdot - requires additional cable