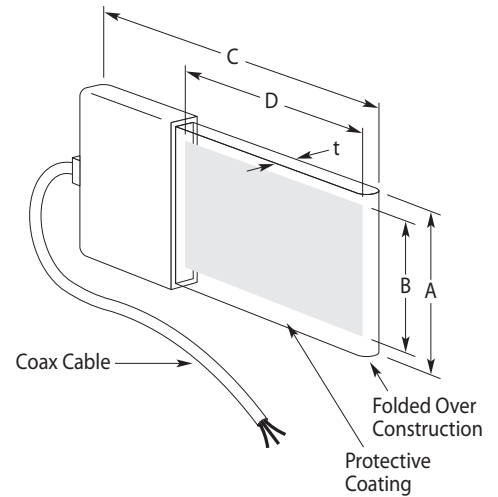


SDT Shielded Piezo Sensors Element with Shielded Cable

The 'S' in SDT Series stands for 'Shielded Sensor'. SDT1 piezo film sensors consist of a rectangular element of piezo film together with a molded plastic housing and 18" of coaxial cable. The film element, screen printed with silver ink, is folded over on itself, given a self-shielding of the transducer area. This is important in applications in high EMI environments.

The SDT1 can be adhered to other surfaces using double sided adhesives, epoxy or cyanoacrylate (super-glue). Care should be taken if the sensor is to be removed, as the double-side adhesive can peel the metallization from the film.

When adhered to a surface in this manner, the SDT1 is an excellent contact microphone or dynamic strain gage. The output from the SDT1 can input directly to an oscilloscope or a signal analyzer.



DIMENSIONS in INCHES (mm)

Description	A Film	B Electrode	C Film	D Electrode	t (μm)	Cap (nF)	Part Number	Low Volume Price (US \$)
SDT1-028K	.640 (16)	.520 (13)	1.64 (41)	1.18 (30)	75	2.78	1-1000288-0	\$18.00

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