



DEM & PDEM

Features

- Lead metaniobate crystal (DEM)
- Composite PZT (PDEM)
- Medium damped for medium bandwidth

Frequent Applications

- Aerospace
- Bars & Billets
- Bond Testing
- Castings & Forgings
- Ceramics
- Laminations
- Machine Parts
- Thickness
- Tube & Pipe
- White Metals

Transducer Models

Product Code	Description	Frequency (MHz)	Crystal Diameter (inches)
DEM2525	2.25MHz 1/4" DualElement	2.25	1/4
DEM3725	2.25MHz 3/8" DualElement	2.25	3/8
DEM5025	2.25MHz 1/2" DualElement	2.25	1/2
DEM7525	2.25MHz 3/4" DualElement MDOT	2.25	3/4
DEM2550	5MHz 1/4" DualElement	5	1/4
DEM3750	5MHz 3/8" DualElement	5	3/8
DEM5050	5MHz 1/2" DualElement	5	1/2
DEM7550	5MHz 3/4" DualElement	5	3/4
DEM2510	10 MHz 1/4" DualElement	10	1/4
DEM3710	10MHz 3/8" DualElement	10	3/8
DEM5010	10MHz 1/2" DualElement	10	1/2
PDEM501	1MHz 1/2" DualElement	1	1/2
PDEM751	1MHz 3/4" DualElement	1	3/4
PDEM2525	2.25MHz 1/4" DualElement	2.25	1/4
PDEM3725	2.25MHz 3/8" DualElement	2.25	3/8
PDEM5025	2.25MHz 1/2" DualElement	2.25	1/2
PDEM7525	2.25MHz 3/4" DualElement	2.25	3/4
PDEM2550	5MHz 1/4" DualElement	5	1/4
PDEM3750	5MHz 3/8" DualElement	5	3/8
PDEM5050	5MHz 1/2" DualElement	5	1/2
PDEM2510	10MHz 1/4" DualElement	10	1/4

Size Options				Connector		
Probe Size	Case Dimensions			Type	Position	
Ø (inches)	A (mm)	B (mm)	C (mm)	Microdot (D)	Top	Side
1/4	14	26	10	x	x	x
3/8	16	25	13	x	x	x