



SLP

Single Compression Transducer with Ceramic Wear Face

Features

- Single normal beam compression wave contact transducer
- Circular, lead metaniobate crystal
- Max operating temperature 50°C / 120°F
- High dampening for high resolution
- Ceramic wear face for prolonged service life

Common Applications

- Castings
- Forgings
- White metal bearings
- High temperature



Transducer Models				
Product Code	Description	Frequency (MHz)	Crystal Diameter (mm / Inches)	Nearfield Length in Steel (mm / Inches)
SLP2-10	2.25MHz 10mm SC H.Damped	2	10mm / 0.394"	8.4mm / 0.331"
SLP2-15	2.25MHz 15mm SC H.Damped	2	15mm / 0.591"	18.9mm / 0.744"
SLP2-20	2.25MHz 20mm SC H.Damped	2	20mm / 0.787"	33.6mm / 1.323"
SLP2-25	2.25MHz 25mm SC H.Damped	2	25mm / 0.984"	52.3mm / 2.059"
SLP4-10	4MHz 10mm SC H.Damped	4	10mm / 0.394"	16.8mm / 0.661"
SLP4-25	4MHz 25mm SC H.Damped	4	25mm / 0.984"	104.9mm / 4.13"
SLP5-5	5MHz 5mm SC H.Damped	5	5mm / 0.197"	5.2mm / 0.205"
SLP5-10	5MHz 10mm SC H.Damped	5	10mm / 0.394"	21mm / 0.827"
SLP5-15	5MHz 15mm SC H.Damped	5	15mm / 0.591"	47.2mm / 1.858"
SLP5-20	5MHz 20mm SC H.Damped	5	20mm / 0.787"	83.9mm / 3.303"
SLP5-25	5MHz 25mm SC H.Damped	5	25mm / 0.984"	131.1mm / 5.161"
SLP10-5	10MHz 5mm SC H.Damped	10	5mm / 0.197"	10.5mm / 0.413"
SLP10-10	10MHz 10mm SC H.Damped	10	10mm / 0.394"	41.9mm / 1.65"

Case Dimensions and Details				
Transducer Version Crystal size	Width/Diameter (mm / Inches)	Height (mm / Inches)	Connector Options	Position Options
5mm / 0.197"	13mm / 0.512"	12mm / 0.472"	D S	Side
10mm / 0.394"	17mm / 0.669"	15mm / 0.591"	D S	Side
15mm / 0.591"	22mm / 0.866"	15mm / 0.591"	D S	Side
20mm / 0.787"	27mm / 1.063"	15mm / 0.591"	D S	Side
25mm / 0.984"	32mm / 1.26"	15mm / 0.591"	D S	Side

