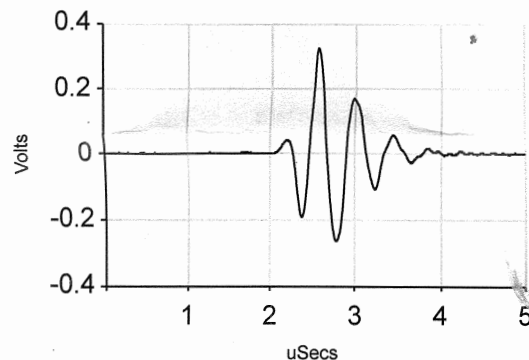


Transducer Certificate of Conformity

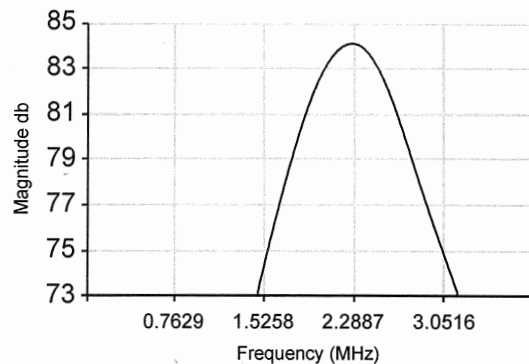
Part Number	113-292-741
Description	FDEP--XDCR DU-F 2.25X.5X1
Serial Number	23K023EX
Test Result	Pass
Test Date	12/12/2023
Inspector	PS
Test Procedure	0511345

Real Time Waveform



* Waveform is first return echo from indicated target.

Frequency Spectrum



Test Data

Test Parameter	Units	Lower Spec Lim.	Measured	Upper Spec Lim.
Loop Sensitivity	dB	NA	-43.81	NA
Center Frequency	MHz	2.025	2.27	2.475
Peak Frequency	MHz	2.025	2.27	2.475
Bandwidth @ -6dB	%	40	49	NA
20dB Ringdown	µs	NA	1.33	2
JSR Gain	dB	NA	-5	8

Calibrated Test Equipment

Item	Description	Serial No.	Cal. Due
Pulser	JSR DPR300	DF0518	04/09/2024
Oscilloscope	Tektronix TDS2012C	C048089	03/06/2024
Target	1" 303 Stainless Steel	1200/20	5/17/2024
Func. Generator	NA	NA	NA

JSR Pulser Settings

Rec. Imp.	Pul. Imp.	Energy	Voltage	Mode	HP Filter	LP Filter
50 Ohms	LOW	MID-LOW	300	THRU	1.0 MHz	22.5 MHz

Declaration:

The Ultrasonic Transducer in this document has been performance tested and meets all manufacturing specifications.

We certify that the product mentioned was subjected to a quality inspection and testing procedure. It conforms to our manufacturing drawings, meets our specifications and compliant to ASTM E-1065 guidelines. All measuring tools used for testing are calibrated and traceable to national or international standards. Our quality management system is certified according to EN ISO 9001.

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