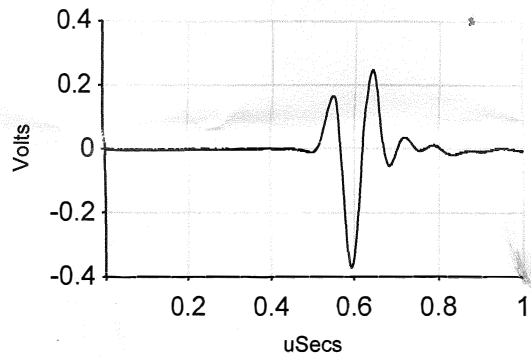




Transducer Certificate of Conformity

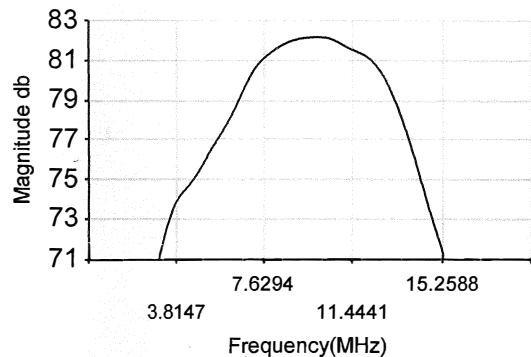
Part Number	113-126-320
Description	FIP---XDCR IPS 10X.25 SP
Serial Number	S000011
Test Result	Pass
Test Date	06/11/2020
Inspector	PS
Test Procedure	0511904

Real Time Waveform



* Waveform is first return echo from indicated target.

Frequency Spectrum



Test Data

Test Parameter	Units	Lower Spec Lim.	Measured	Upper Spec Lin
Loop Sensitivity	dB	-50	-49.38	-40
Center Frequency	MHz	NA	9.57	NA
Peak Frequency	MHz	9	9.96	11
Bandwidth @ -6dB	%	40	92	NA
20dB Ringdown	µs	NA	0.17	0.35
JSR Gain	dB	NA	9.7	NA
Water Path (WP)	in	WP -10%	1	WP +10%

Calibrated Test Equipment

Item	Description	Serial No.	Cal. Due
Pulser	JSR DPR300	DF0102	11/17/2021
Oscilloscope	Tektronix TDS2012C	C051687	09/27/2020
Target	1.0" Steel @ Focal Point	1172/20	9/6/2020
Func. Generator	NA	NA	NA

JSR Pulser Settings

Rec. Imp.	Pul. Imp.	Energy	Voltage	Mode	HP Filter	LP Filter
50 Ohms	LOW	LOW	100	T/R	2.5 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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