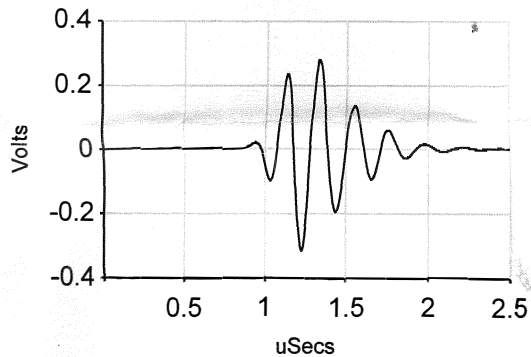




Transducer Certificate of Conformity

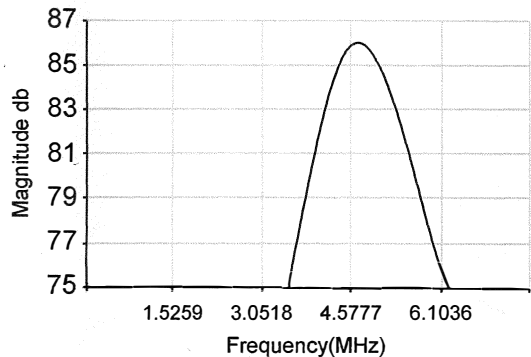
Part Number	113-294-605
Description	FABP--XDCR SWS 5X.75X1GMA
Serial Number	S000013
Test Result	Pass
Test Date	03/25/2020
Inspector	PS
Test Procedure	0511188

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	-50.12	NA
Center Frequency	MHz	NA	4.75	NA
Peak Frequency	MHz	4.5	4.68	5.5
Bandwidth @ -6dB	%	25	37	50
20dB Ringdown	µs	NA	0.8	1.3
JSR Gain	dB	-6	1	4

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" PLEXIGLAS	90/20	2/21/2021
Func. Generator	NA	NA	NA

JSR Pulser Settings

Rec. Imp.	Pul. Imp.	Energy	Voltage	Mode	HP Filter	LP Filter
101 Ohms	LOW	MID-LOW	300	T/R	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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