

TRANSDUCER DESCRIPTION

PART NO.: V214
SERIAL NO.: 916339
DESIGNATION: CONTACT

FREQUENCY: 50.00 MHz
ELEMENT SIZE: .25 in. DIA.

TEST INSTRUMENTATION

PULSER/RECEIVER: PANAMETRICS 5601
DIGITAL OSCILLOSCOPE: LECROY LC564A / SN: LC56410253
TEST PROGRAM: TP103-3 VER. 1113N7
CABLE: RG174/U LENGTH: 2ft

TEST CONDITIONS

PULSER SETTING: ENERGY: 1; DAMPING: 50
RECEIVER SETTING: ATTN: 64dB; GAIN: 46dB
TARGET: DELAY END
JOB CODE: TP200

MEASUREMENTS PER ASTM E1065

WAVEFORM DURATION:
-14DB LEVEL --- 0.033 US
-20DB LEVEL --- 0.036 US
-40DB LEVEL --- 0.063 US

SPECTRUM MEASUREMENTS:
CENTER FREQ. ----- 52.53 MHz
PEAK FREQUENCY -- 48.8 MHz
-6DB BANDWIDTH --- 79.26 %

COMMENTS:

4.303 us SILICA DELAY LINE

** ACCEPTED

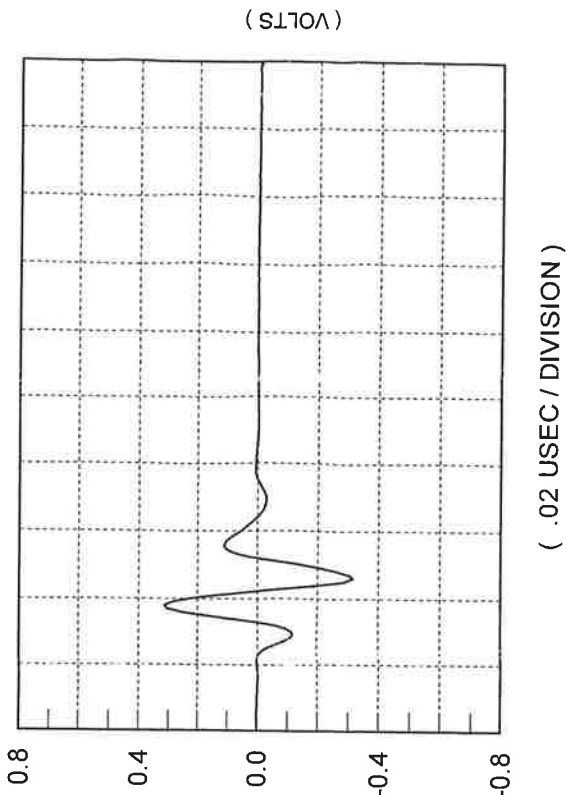
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[Signature]

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SIGNAL WAVEFORM



FREQUENCY SPECTRUM

