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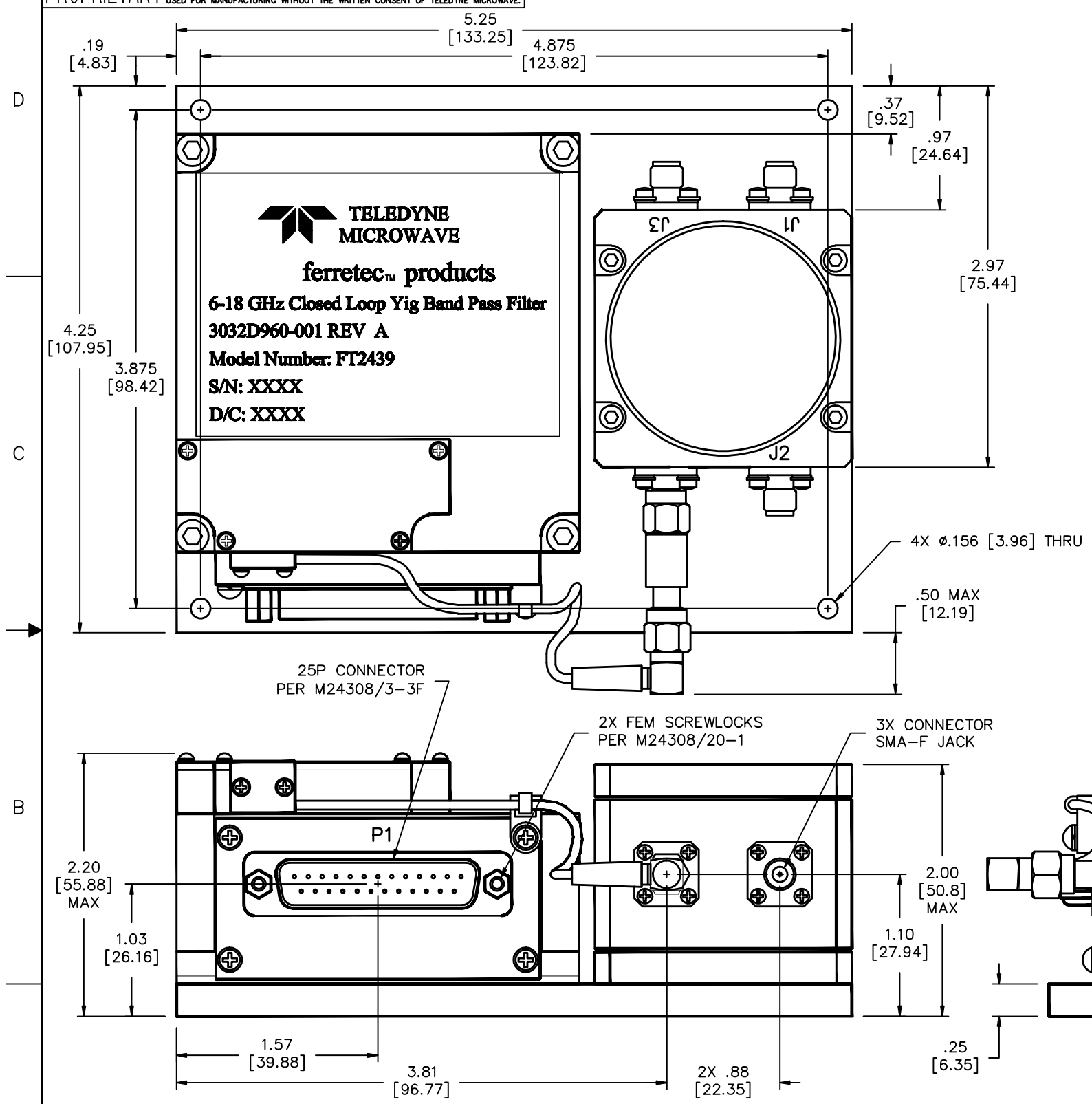
DWG NO. 1303111 REV D

REVISIONS

REV	DESCRIPTION		ECO	DATE	APPROVED	
B	REVISED PER ECO	DJT	28059	06-25-99	D.L.	S.H.
B1	REVISED PER ECO	PARVIZ	28236	09-15-99	D.L.	S.H.
C	REVISED PER ECO	PARVIZ	D04065	05-24-04	D.M.	R.V.
D	REVISED PER ECO	DN	E00542	04-23-07	G.B.	



CONN	TYPE	PIN NO.	FUNCTION
J1	SMA-F	THD	RF INPUT
J2	SMA-F	THD	RF OUTPUT
J3	SMA-F	THD	REF INPUT
P1	DC	1	+15V DC
↑	↑	2	COMMON
		3	-15V DC
		4	SPARE
		5	SAMPLE & HOLD
		6	+5V DC
		7	GND
		8	BIT 1 (MSB)
		9	BIT 2
		10	BIT 3
		11	BIT 4
		12	BIT 5
		13	BIT 6
		14	LOCK INDICATOR
		15	HEATER +28V DC
		16	HEATER RETURN
		17	⚠1
		18	+5 RTN
		19	GND
		20	BIT 7
		21	BIT 8
		22	BIT 9
		23	BIT 10
↓	↓	24	BIT 11
P1	DC	25	BIT 12 (LSB)

TOLERANCE	
.XX	± .02 ±[.51]
.XXX	± .005 ±[.127]

INCHES [MM]

4. FINISH: ALUMINUM – CHROMATE CONVERSION PER MIL-C-5541 CLASS 1A.
   STEEL (HARDWARE) – PASSIVATE PER QQ-B-35C.
   NICKEL IRON – NONE.
3. HEAT DISSIPATION: 28 WATTS MAX.
2. UNIT WIEGHT: 1.15 Kg MAX.
⚠1 FACTORY TEST POINT, DO NOT CONNECT UNLESS OTHERWISE SPECIFIED ON DATA SHEET.

NOTES: UNLESS OTHERWISE SPECIFIED

QTY	IDENTIFYING NUMBER	DESCRIPTION	ITEM

BILL OF MATERIALS

1303113	FT2439
NEXT ASSEMBLY	USED ON

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
DECIMALS: 1PL± .1 2PL± .02
3PL± .005 FRAC± 1/64
ANG± 1° SURFACE FINISH 63 ✓
MATERIAL
SPEC NO.
CAD NO. Q3111D1

APPROVALS	DATE
DRAWN D. TRUMP	12-08-98
ENG D. LOBACH	12-16-98
APPD S.H.	12-17-98
APPD	
APPD O.K.	12-11-98

DO NOT SCALE DRAWING

TELEDYNE MICROWAVE
A TELEDYNE TECHNOLOGIES COMPANY
MOUNTAIN VIEW, CALIFORNIA 94043-1020

OUTLINE,
DGTL FTRAC,
LOW PROFILE

SIZE	FSCM NO.	DWG NO.	REV
B	24022	1303111	D

SCALE 1:1 DOC-009 REV B SHEET 1 OF 1

DWG NO. 1303111 REV D