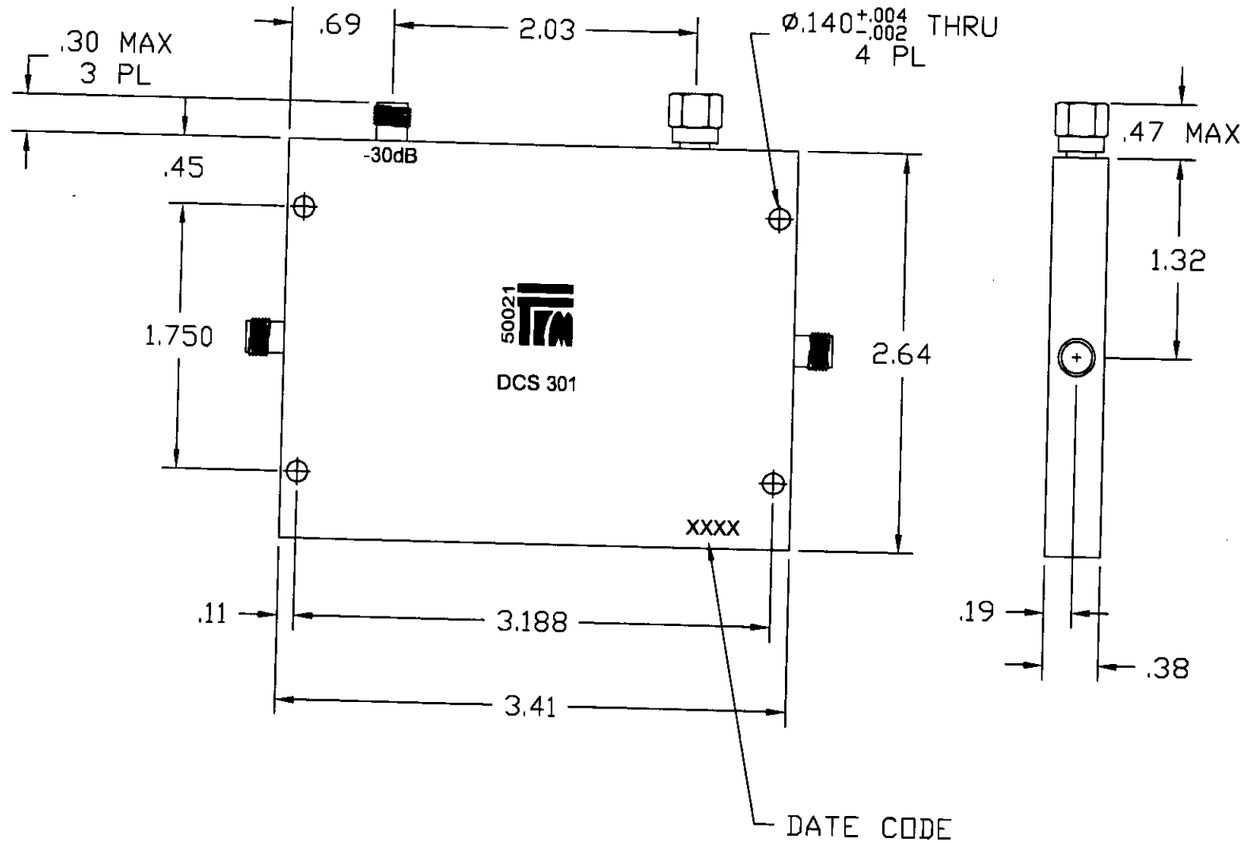
REVISIONS			
LTR	DESCRIPTION	DATE	APPROVED
A	RELEASED	1/26/89	JFN
D	PER ECN 5745	1/12/95	CBS



DCS 301/SMA
30dB DIRECTIONAL COUPLER
ELECTRICAL SPECIFICATIONS

FREQUENCY RANGE	0.125-0.250 GHz
NOMINAL COUPLING	30±0.5 dB
COUPLING VARIATION	±1.00 dB
DIRECTIVITY	25 dB MAX
VSWR (MAIN)	1.10:1 MAX
VSWR (SEC)	1.10:1 MAX
INSERTION LOSS	0.10 dB MAX
POWER INCIDENT AVG	50 WATTS
POWER REFLECTED AVG	50 WATTS
POWER PEAK	3 KW
CONNECTORS	SMA FEMALE
FINISH	IRIDITE

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UNLESS OTHERWISE SPECIFIED
TOLERANCES ON
DECIMALS ANGLES
.XX=±.02 ±0°30'
.XXX=±.005

DIMENSIONS ARE IN INCHES [MM]

DRAWN	HACKBARTH	11/30/88
CHECKED	JFN	1/26/89
ENG.APPD.	HAG	2/09/89
MFG.APPD.	DLF	2/10/89
QA.APPD.	JA	5/22/89
RELEASED		
CUSTOMER		

TECHNICAL RESEARCH AND MANUFACTURING INC
280 SOUTH RIVER ROAD, BEDFORD, N.H. 03110-6822

OUTLINE

FSCM NUMBER	SIZE	DRAWING NUMBER	REV
50021	B	27259	D

SCALE	MODEL NO.	SHEET
1/1	DCS 301/SMA	1 OF 1