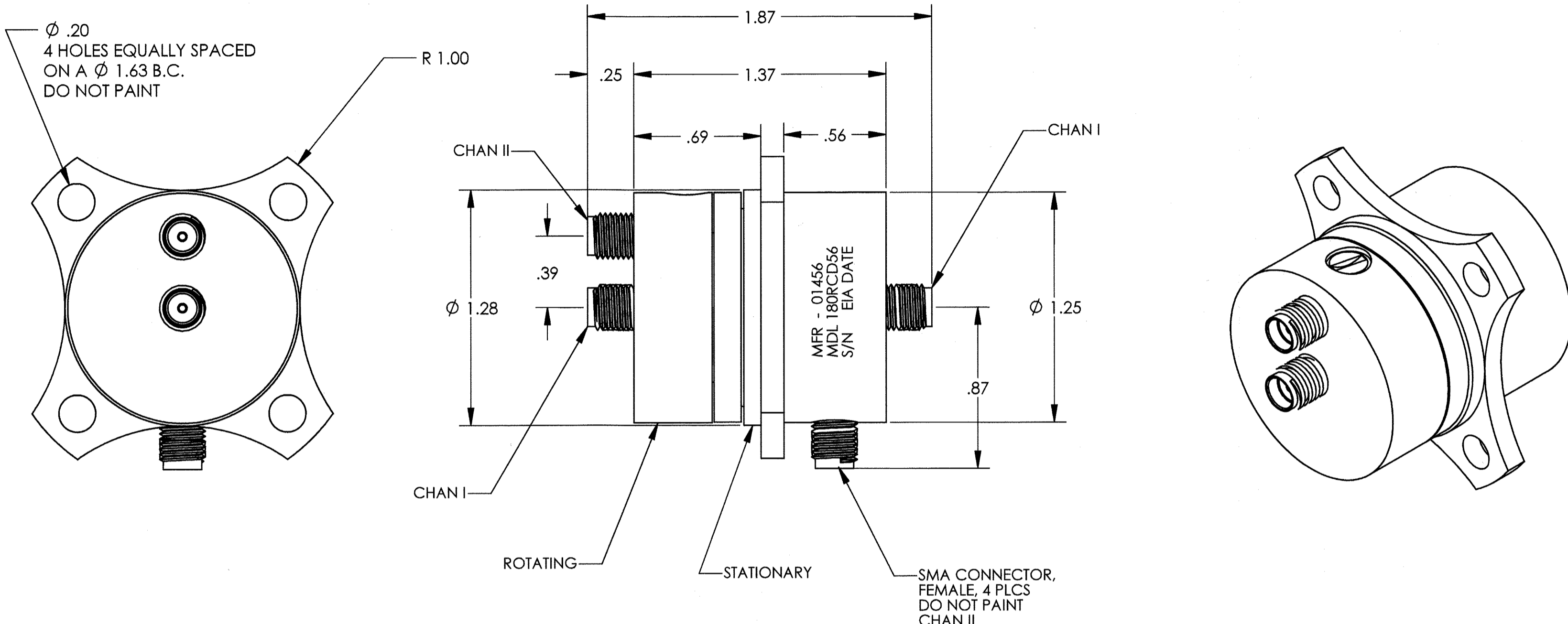


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INTERPRET DRAWING IN ACCORDANCE WITH ANSI Y14.5M-1982

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED



SPECIFICATIONS:

1. ELECTRICAL	CH I	CH II
FREQUENCY	DC-18 GHz	DC-4.0
VSWR (MAX)	1.35 DC-10 1.50 10-18	1.25 DC-1.5 1.50 1.5-4.0
WOW (MAX)	1.02 DC-10 1.02 10-18	1.05 DC-1.5 1.2 1.5-4.0
INS LOSS (MAX)	0.2 dB DC-10 0.3 dB 10-18	0.15 dB DC-1.5 0.3 dB 1.5-4.0
PEAK POWER	EQUAL TO CONNECTOR RATING	

2. MECHANICAL

MATERIAL: ALUMINUM
 PRESSURE: NONE
 STARTING TORQUE: 8 OZ-IN MAX
 ROTATIONAL SPEED: 100 RPM
 WEIGHT: 3 OZ (APPROX)
 FINISH: IRIDITE ALL OVER PER MIL-C-5541. PAINT ALL EXTERNAL SURFACES EXCEPT ALL HOLES AND WHERE NOTED WITH BLUE PAINT PER TT-E-529 COLOR #25109 OF FED-STD-595 AS SHOWN, PER MIL-STD-130

STENCIL

CAD FILE: 2076936

GROUP OR PART	NEXT ASSY	USED ON	NEXT ASSY	FINAL ASSY
DL-76936				
	APPLICATION		QTY REQ'D	

REQ'D	REQ'D	REQ'D	REQ'D	ITEM OR SYM	DWG SIZE	PART NUMBER	DESCRIPTION	MATERIAL	MAT'L SPEC.
<p>CAUTION: UNLESS THIS DRAWING BEARS THE SIGNATURE OF TWO AUTHORIZED ENGINEERING REPRESENTATIVES IN THE 'APPROVED' BLOCKS IT IS PRELIMINARY AND UNDER NO CIRCUMSTANCES IS TO BE USED FOR MANUFACTURING PURPOSES</p> <p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: .XX ± .02 .XXXX ± .0005 .XXX ± .005 ANGULAR = ±30' FINISH 63/</p> <p>COMMERCIAL PUBLISHED TOLERANCES SHALL APPLY TO TUBING, BAR, PLATE, ETC. ALL THREADS TO BE CLASS 2A (EXTERNAL), OR 2B (INTERNAL). PLATED PARTS MUST FIT GAGES AND MEET SPECIFIED TOLERANCES AFTER PLATING.</p>						<p>LIST OF MATERIAL</p> <p>DRAWN BY: F. COUNTER DATE: 4-10-01</p> <p>CHECKED BY: R. WILSON DATE: 4-10-01</p> <p>ELECTRICAL ENGR</p> <p>MECHANICAL ENGR: F. COUNTER 4-10-01</p> <p>DESIGN ACTIVITY APPROVAL</p> <p>OTHER ACTIVITY APPROVAL</p>			
<p>MDL INC MICROWAVE DEVELOPMENT LABORATORIES NEEDHAM, MASSACHUSETTS</p> <p>OUTLINE MODEL 180RCD56 2 CHAN. COAX "SMA" ROTARY JOINT</p>						DWG SIZE: C	CODE IDENT. NO.: 01456	20-76936	REV.
DO NOT SCALE DRAWING						SCALE: 2 : 1	WEIGHT	SHEET 1 OF 1	