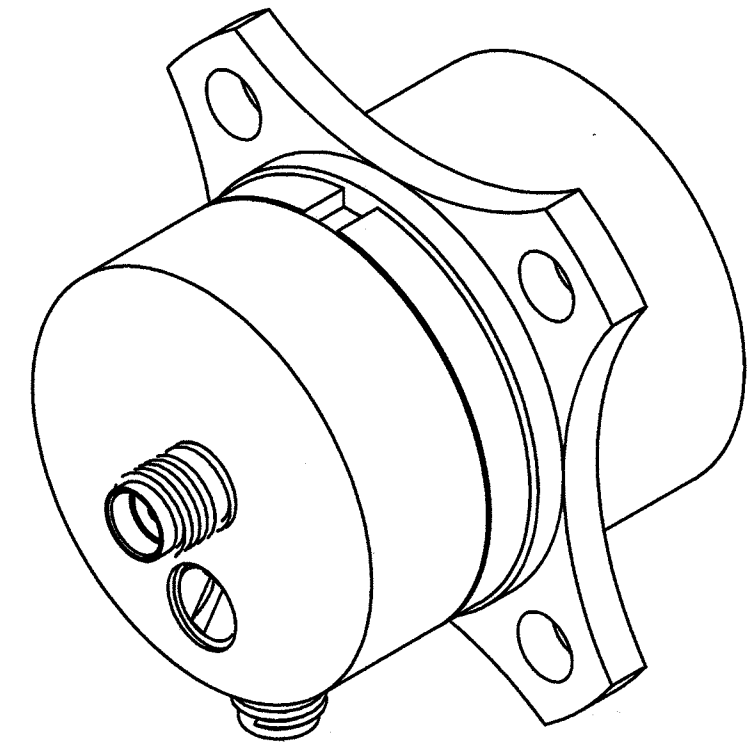
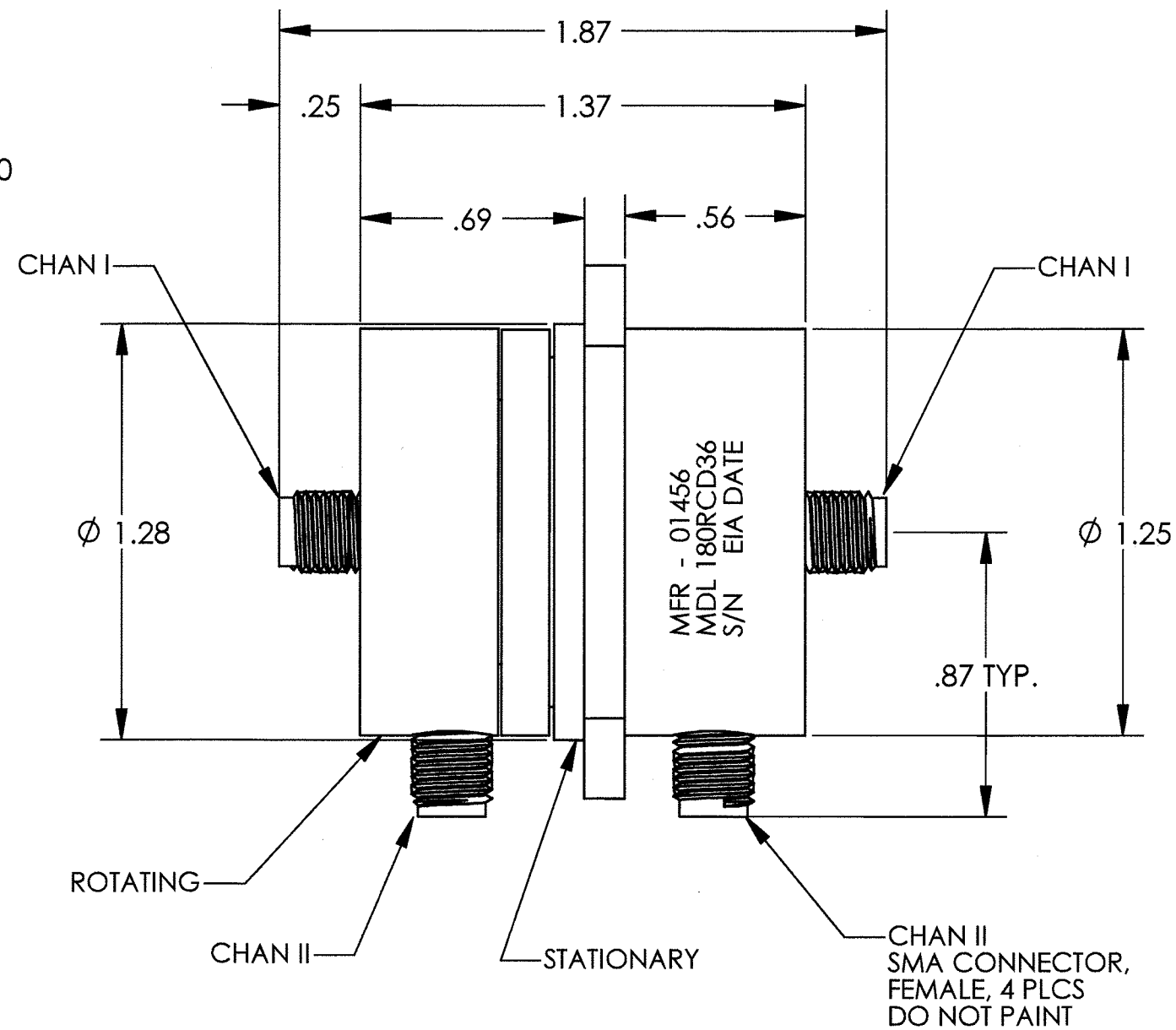
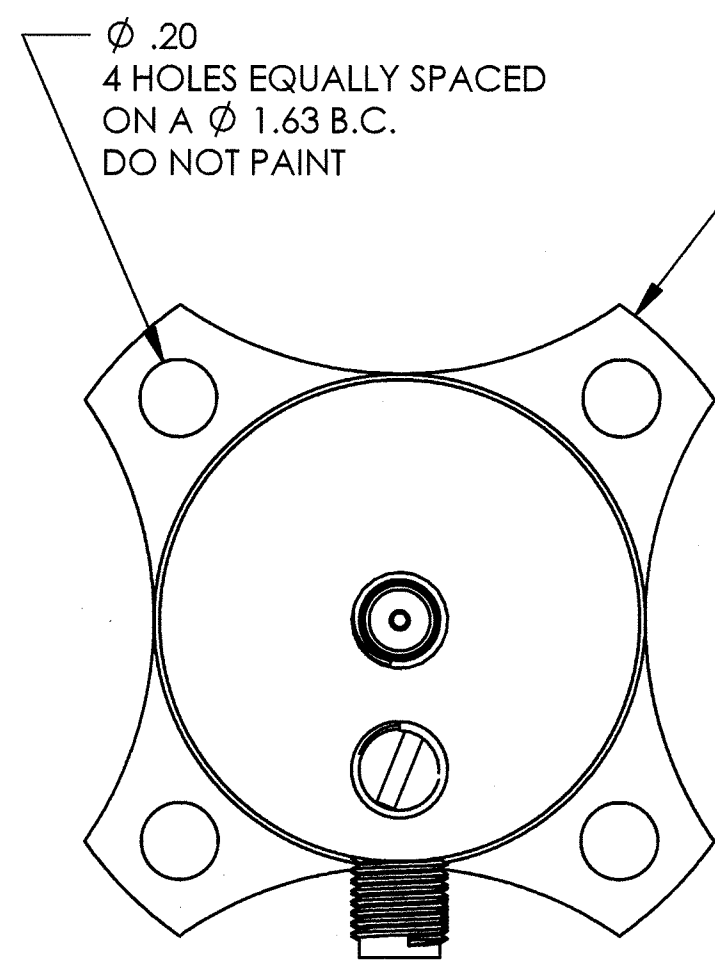


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INTERPRET DRAWING IN ACCORDANCE WITH ANSI Y14.5M-1982

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	ALUMINUM
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: 2076935				
GROUP OR PART	NEXT ASSY	USED ON	NEXT ASSY	FINAL ASSY
	APPLICATION		QTY REQ'D	

REQ'D	REQ'D	REQ'D	REQ'D	ITEM OR SYM	DWG SIZE	PART NUMBER	DESCRIPTION	MATERIAL	MAT'L SPEC.				
							LIST OF MATERIAL						
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						DRAWN BY	F. COUNTER	DATE	4-11-01	<b>MDL Inc</b> MICROWAVE DEVELOPMENT LABORATORIES NEEDHAM, MASSACHUSETTS  <b>OUTLINE MODEL 180RCD36</b> <b>2 CHAN. COAX "SMA"</b> <b>ROTARY JOINT</b>			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: .XX ± .02 .XXXX ± .0005 .XXX ± .005 ANGULAR = ±30' FINISH 63/						CHECKED BY	R. WILSON	DATE	4-11-01				
						ELECTRICAL ENGR							
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.						MECHANICAL ENGR	F. COUNTER	DATE	4-11-01				
						DESIGN ACTIVITY APPROVAL							
						OTHER ACTIVITY APPROVAL				DWG CODE IDENT. NO.	20-76935	REV.	
										C SIZE	01456		
						DO NOT SCALE DRAWING			SCALE 2 : 1	WEIGHT	SHEET 1 OF 1		