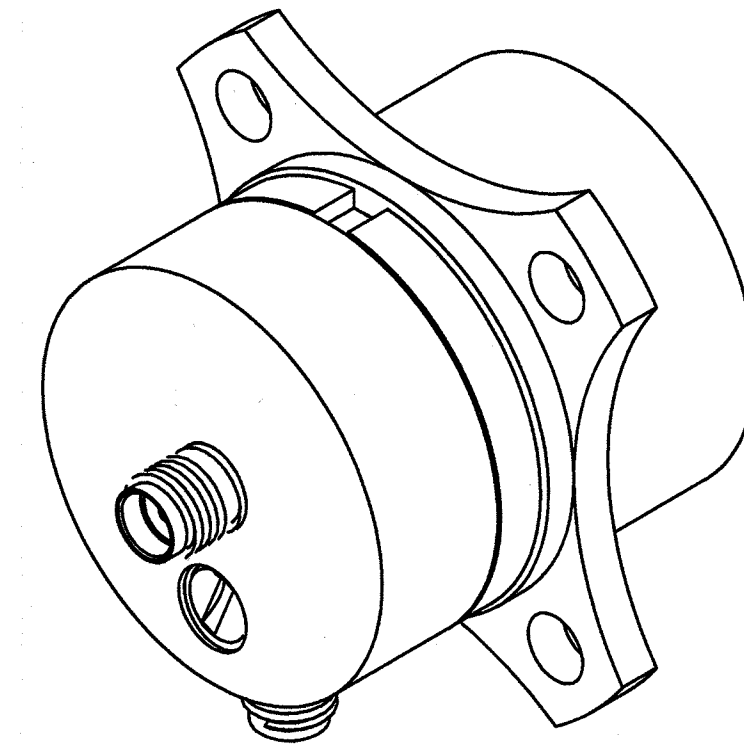
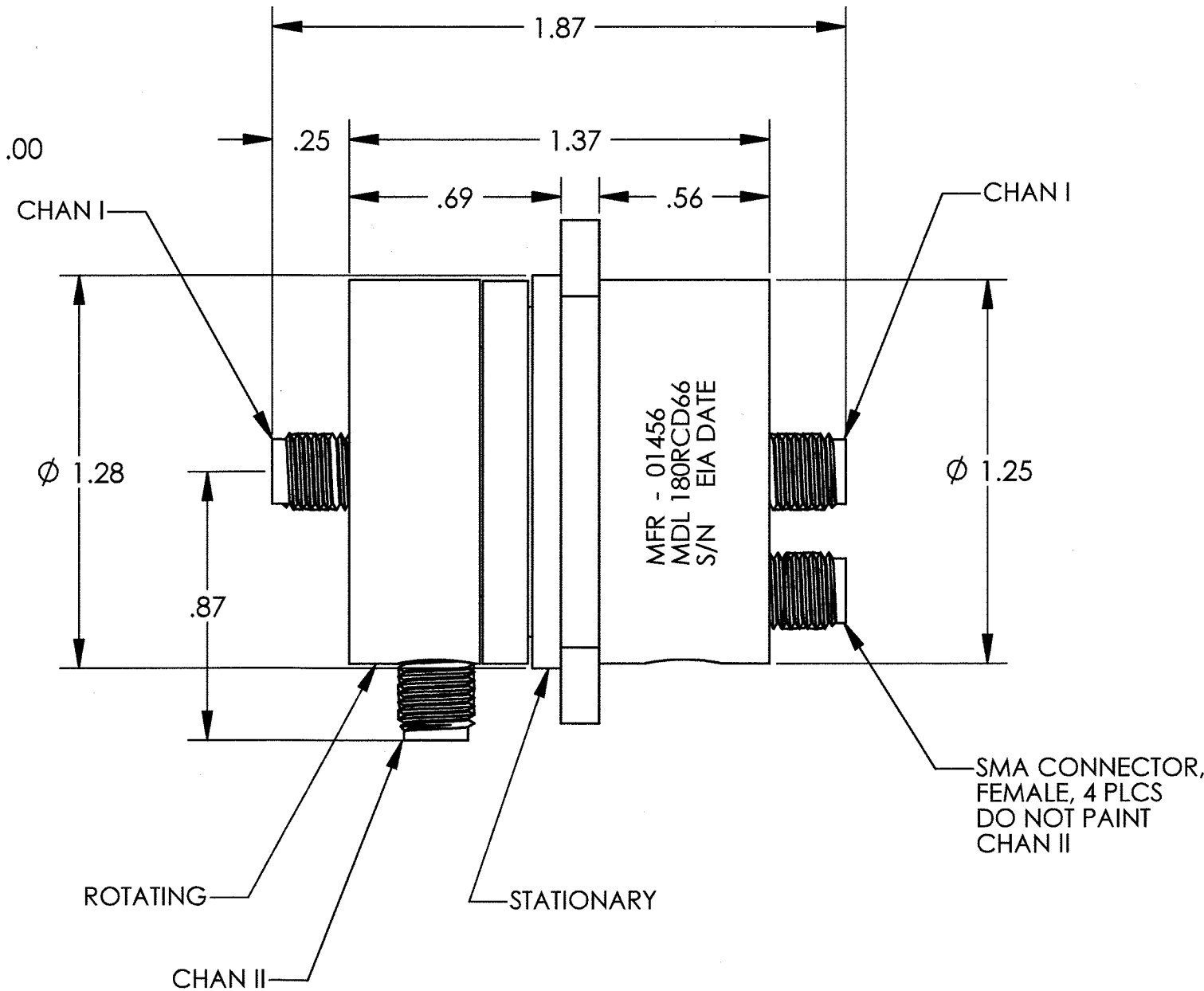
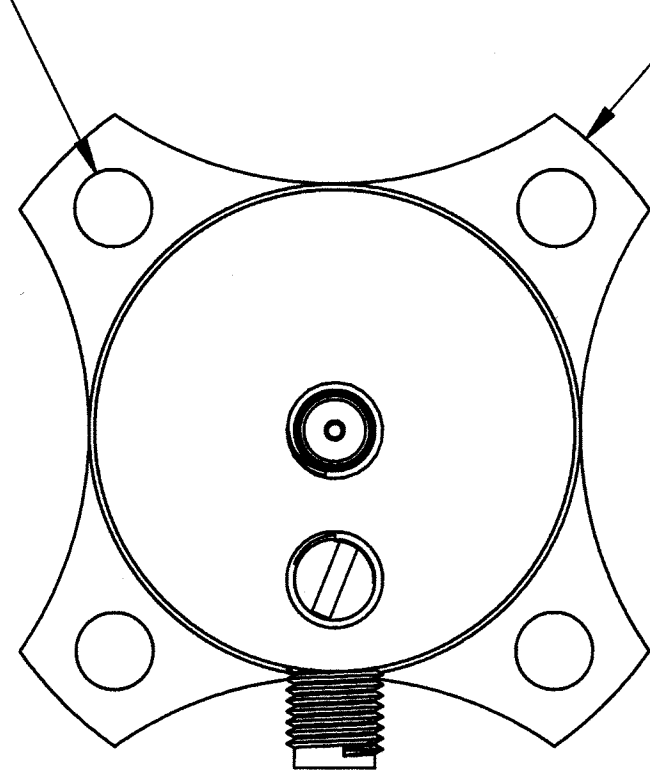


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INTERPRET DRAWING IN ACCORDANCE WITH ANSI Y14.5M-1982

REVISIONS				
ZONE	LTR	DESCRIPTION	DATE	APPROVED

Ø .20
4 HOLES EQUALLY SPACED
ON A Ø 1.63 B.C.
DO NOT PAINT



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: 2076937				
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.																																			
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						LIST OF MATERIAL																																						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: .XX ± .02 .XXXX ± .0005 .XXX ± .005 ANGULAR = ±30' FINISH 63						<table border="1"> <tr> <td>DRAWN BY</td> <td>DATE</td> <td rowspan="4">MDL INC MICROWAVE DEVELOPMENT LABORATORIES NEEDHAM, MASSACHUSETTS</td> </tr> <tr> <td>F. COUNTER</td> <td>4-9-01</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> </tr> <tr> <td>R. WILSON</td> <td>4-9-01</td> </tr> <tr> <td>ELECTRICAL ENGR</td> <td></td> <td rowspan="3"> OUTLINE MODEL 180RCD66 2 CHAN. COAX "SMA" ROTARY JOINT </td> </tr> <tr> <td>MECHANICAL ENGR</td> <td></td> </tr> <tr> <td>F. COUNTER</td> <td>4-9-01</td> </tr> <tr> <td>DESIGN ACTIVITY APPROVAL</td> <td></td> <td>DWG CODE IDENT. NO.</td> <td>REV.</td> </tr> <tr> <td>OTHER ACTIVITY APPROVAL</td> <td></td> <td>C 01456</td> <td>20-76937</td> </tr> <tr> <td colspan="6">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.</td> <td colspan="2">DO NOT SCALE DRAWING</td> <td>SCALE</td> <td>WEIGHT</td> <td>SHEET 1 OF 1</td> </tr> </table>				DRAWN BY	DATE	MDL INC MICROWAVE DEVELOPMENT LABORATORIES NEEDHAM, MASSACHUSETTS	F. COUNTER	4-9-01	CHECKED BY	DATE	R. WILSON	4-9-01	ELECTRICAL ENGR		OUTLINE MODEL 180RCD66 2 CHAN. COAX "SMA" ROTARY JOINT	MECHANICAL ENGR		F. COUNTER	4-9-01	DESIGN ACTIVITY APPROVAL		DWG CODE IDENT. NO.	REV.	OTHER ACTIVITY APPROVAL		C 01456	20-76937	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.						DO NOT SCALE DRAWING		SCALE	WEIGHT	SHEET 1 OF 1
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