

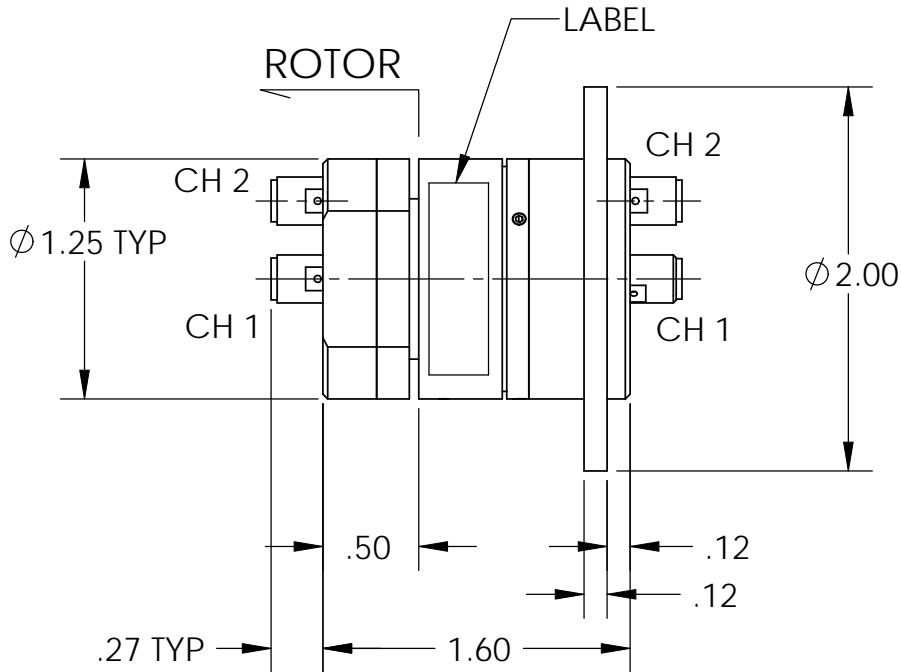
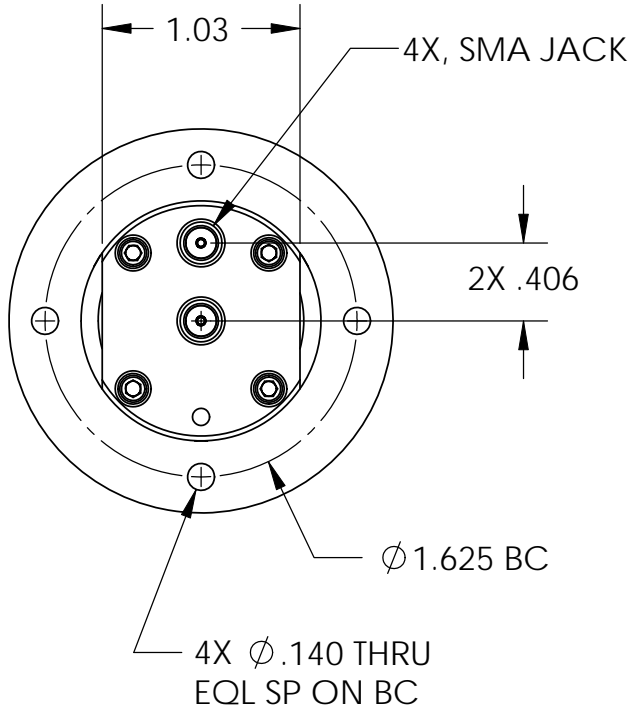
**DESIGN SPECIFICATIONS**

**ELECTRICAL**

	CHANNEL 1	CHANNEL 2
FREQUENCY (GHz):	DC - 4.5	DC - 4.5
VSWR (MAX):	1.50:1	2.00:1
VSWR WOW (MAX):	0.05	0.25
INSERTION LOSS (MAX):	0.50 dB	1.0 dB
WOW (MAX):	0.05 dB	0.25 dB
POWER, AVERAGE (MIN):	50 W @ 1 GHz	50 W @ 1 GHz
ISOLATION (MIN):	<-----40 dB----->	

**MECHANICAL**

- ROTATIONAL SPEED (MAX): 300 RPM
- TORQUE (MAX): 8 oz.-in.
- WEIGHT: 5 oz.
- CHANNEL MARKING: 1/8 BLACK CHARACTERS
- LABEL: TO INCLUDE AS A MIN: DIAMOND P/N & S/N
- MATERIAL: ALUMINUM ALLOY AND STAINLESS STEEL
- FINISH: CHROMATE CVRSN COATING & PASSIVATE
- ROHS COMPLIANT



F/T

<p>NOTE: Description and data herein contains information and other knowledge of a proprietary nature with this company. No permission or authorization for utilization of such proprietary values has been granted, in whole or in part, for duplication, dissemination, transmittal, use or disclosure by any other manner or means to any firm or person at any time, past, present, or future, unless evident by prior written agreement with Diamond. The fact that the Government may have formulated, furnished, or in any way supplied this information is not to be regarded by implication or otherwise as in any manner licensing the holder, or any person or corporation, for conveying any rights or permission to manufacture, use, or sell any patented invention or proprietary data herein that in any way be related thereto.</p>	THIRD ANGLE PROJECTION		DFTG:	MEM	6/3/97	<p style="text-align: center;"><b>MHF204</b></p>											
			CHK BY:	JEF	6/30/98				TITLE:								
	MATL: SEE SPECS		APVD BY:	MEM	7/10/97	DUAL CHAN ROTARY COUPLER, SMA											
	FINISH: SEE SPECS		CUST APPVL:			SIZE:	CODE IDENT:	DRAWING NUMBER:	REV								
	<p>DIMENSIONS ARE IN INCHES. UNLESS OTHERWISE SPECIFIED, SURF FINISH 63√ REMOVE ALL BURRS AND SHARP EDGES .005 MAX TOLERANCES ARE:</p> <table border="0"> <tr> <td>FRACTIONS</td> <td>DECIMALS</td> <td>ANGLES</td> </tr> <tr> <td>±1/64</td> <td>2 PLACES</td> <td>±1/2°</td> </tr> <tr> <td></td> <td>3 PLACES</td> <td>±.010</td> </tr> </table>		FRACTIONS	DECIMALS	ANGLES	±1/64	2 PLACES	±1/2°		3 PLACES	±.010	GOVT APPVL:			B	01882	10-2244A-0
FRACTIONS	DECIMALS	ANGLES															
±1/64	2 PLACES	±1/2°															
	3 PLACES	±.010															
			SCALE	1:1	CAD FILE:	SHEET		1 OF 1									