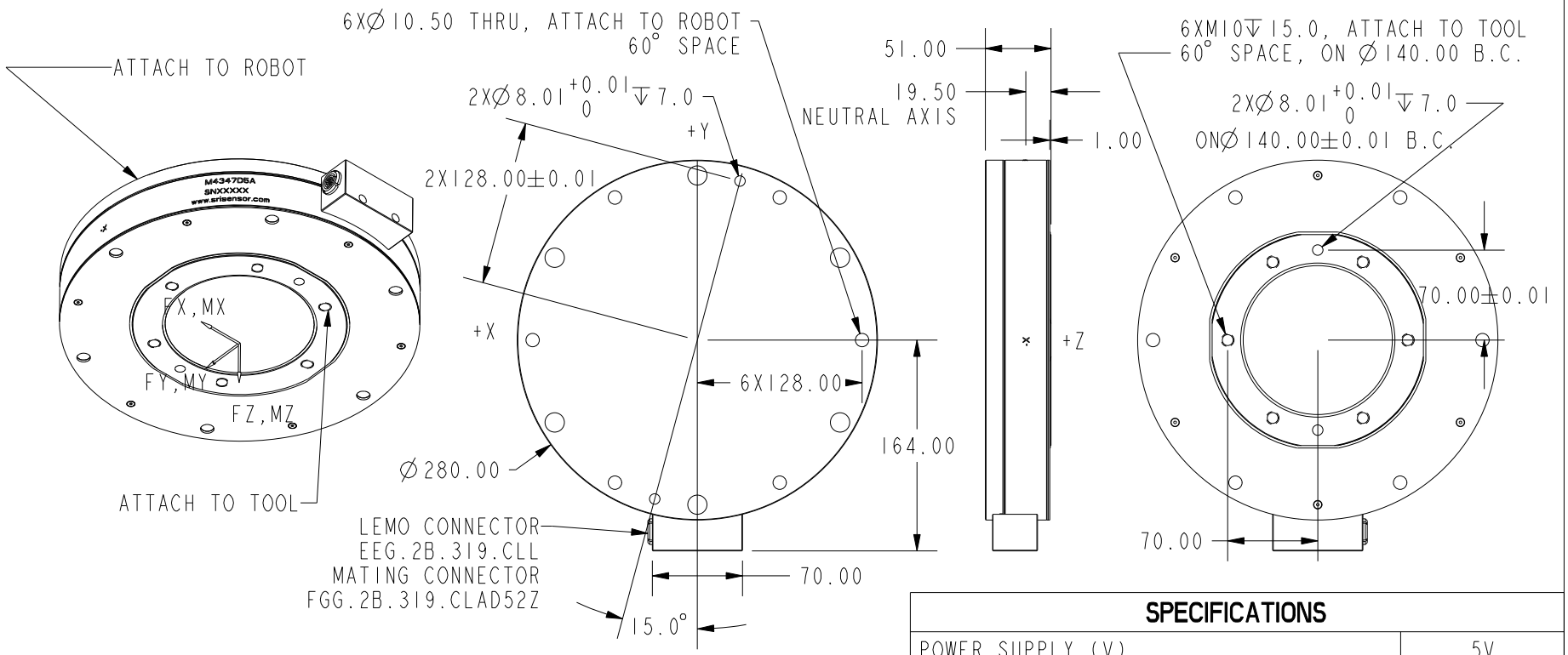


THE OUTPUTS ARE NOT STRUCTURALLY DECOUPLED
A 6X6 DECOUPLED MATRIX IS PROVIDED TO OBTAIN EACH COMPONENT

	Fx	Fy	Fz	Mx	My	Mz
CAPACITY	5KN	5KN	5KN	2KNM	2KNM	2KNM
OUTPUT (mV/V)	COUPLED OUTPUT					

LEMO PIN ASSIGNMENT - TWISTED PAIR COLOR CODES

PIN #	FUNCTION	PIN #	FUNCTION	PIN #	FUNCTION
1	+FX WT(BN)	6	-FZ BN(BL)	10	-MY BN(RD)
2	-FX BN(WT)	7	+MX YL(BN)	11	+MZ WT(BK)
3	+FY OG(BN)	8	-MX BN(YL)	12	-MZ BK(WT)
4	-FY BN(OG)	9	+MY RD(BN)	17	NA
5	+FZ BL(BN)	18	+V 5V OG(BK) & BL(BK) & BK(BL)		
19	GND RD(BK)&BK(RD)&YL(BK)&BK(YL)			SHIELD TO CONNECTOR SHELL	

WT=WHITE, BN=BROWN, OG=ORANGE, BL=BLUE, YL=YELLOW, RD=RED, BK=BLACK

SPECIFICATIONS

POWER SUPPLY (V)	5V
OVERLOAD CAPACITY (%F.S.)	300
FREE AIR RESONANT FREQ. (HZ.)	2500
CROSSTALK (%F.S.)	2.5
NON-LINEARITY (%F.S.)	0.5
HYSTERESIS (%F.S.)	0.5
OPERATING TEMP. RANGE (°C)	-40 TO +100
COMPENSATED TEMP. RANGE (°C)	10 TO 70
MASS (KG)	9.9

SUNRISE INSTRUMENTS

www.srisensor.com

SIX AXIS CIRCULAR LOAD CELL, COUPLED
D280MM F5KN

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM	M4347D5A	REV. A