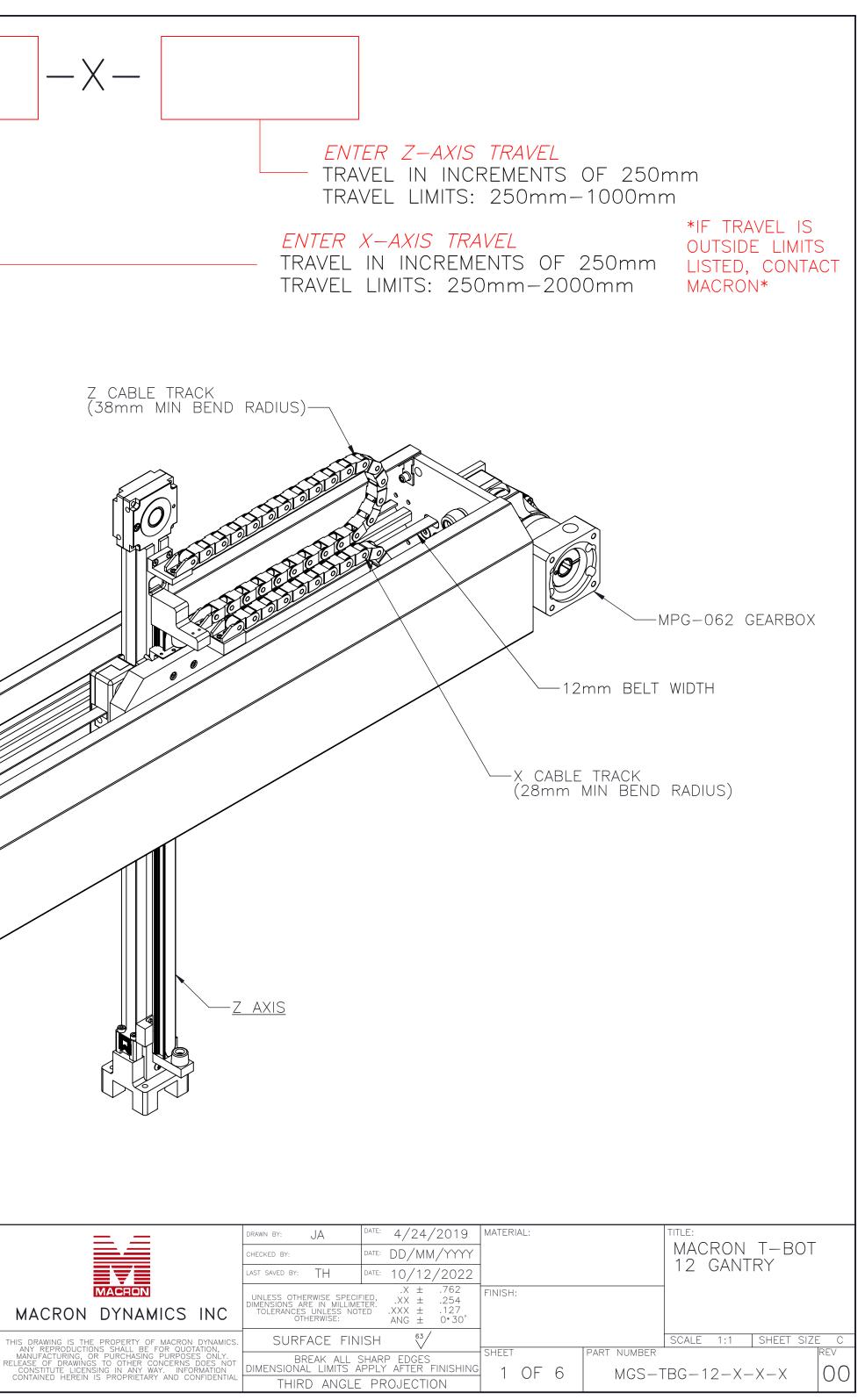
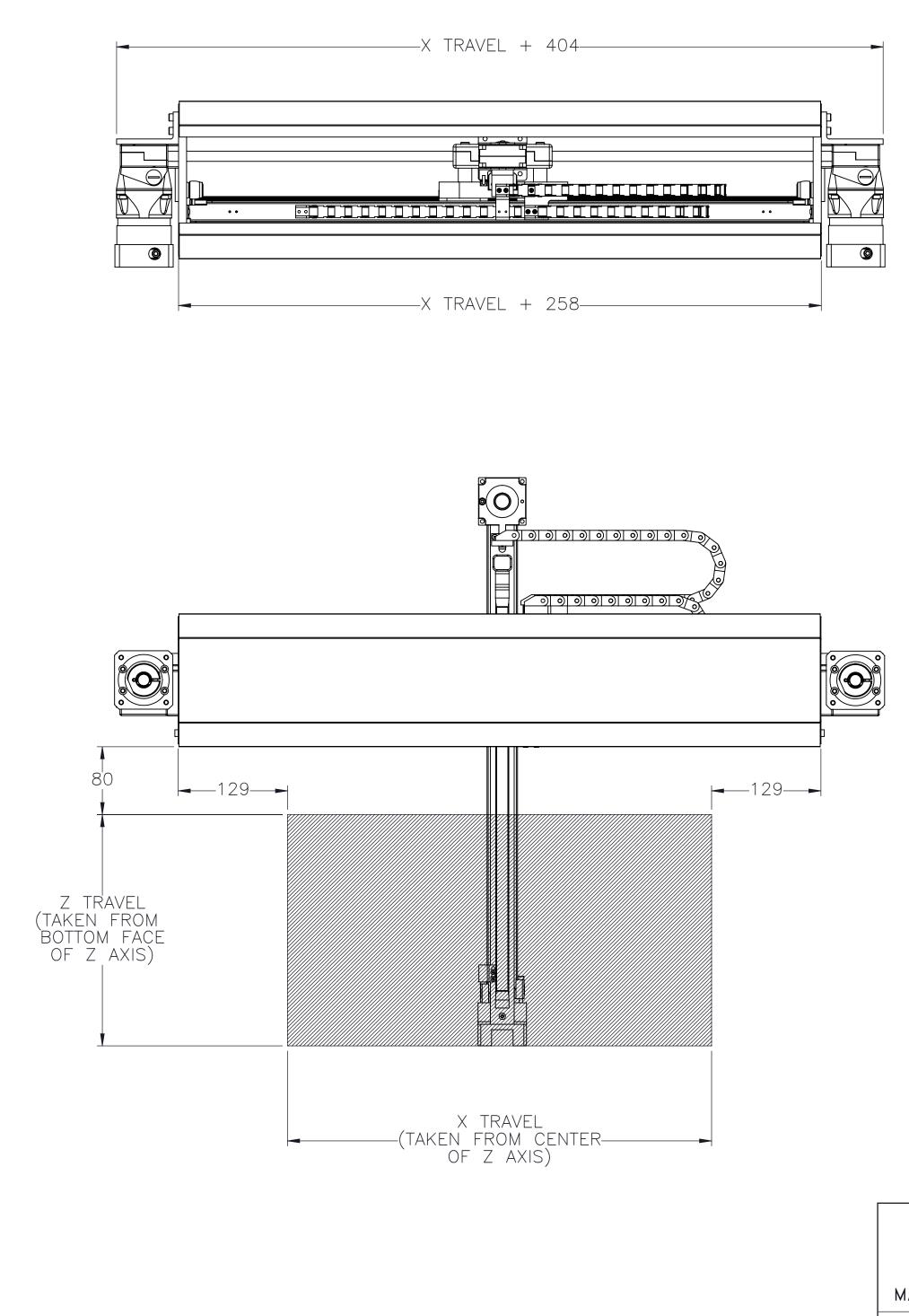
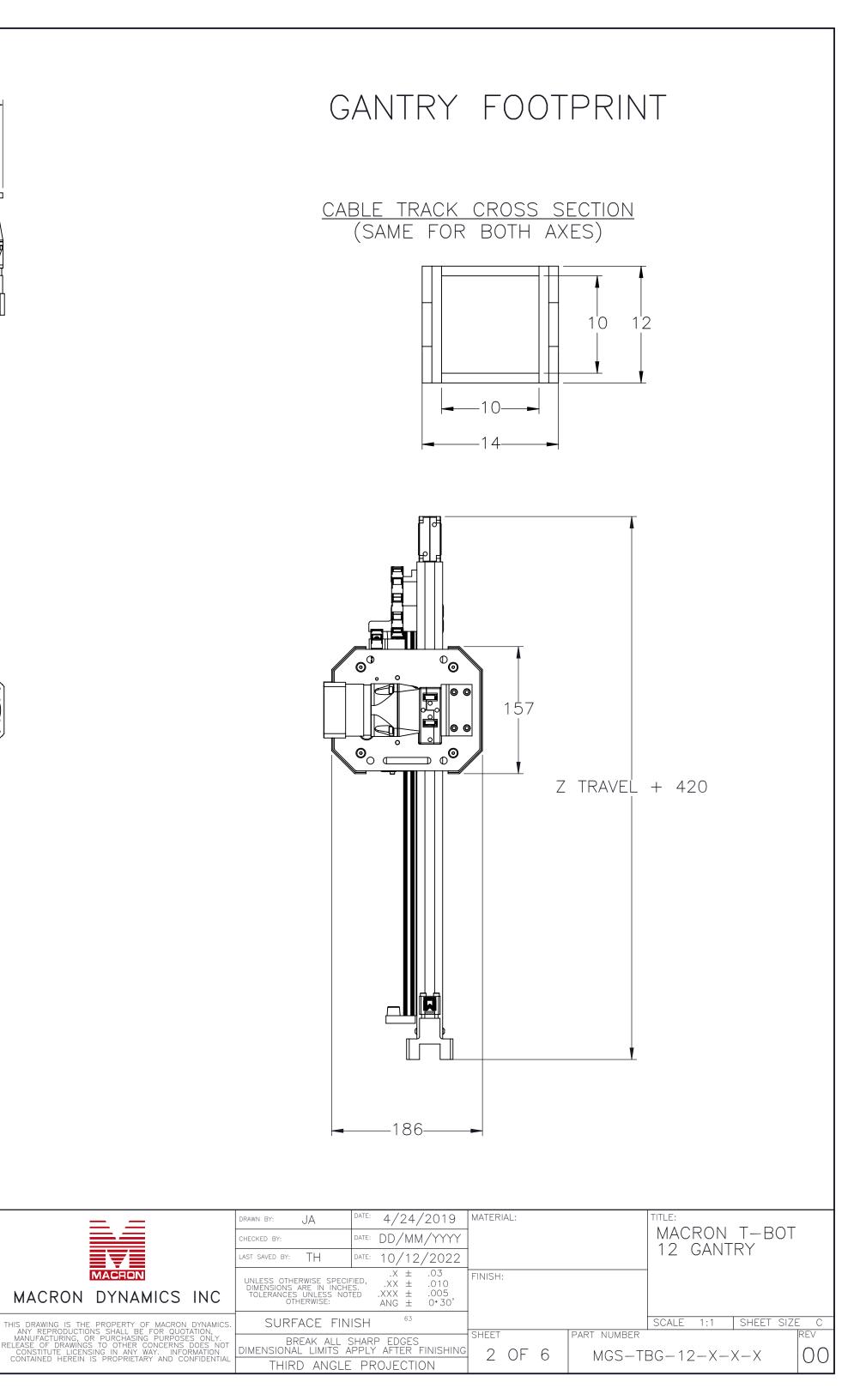
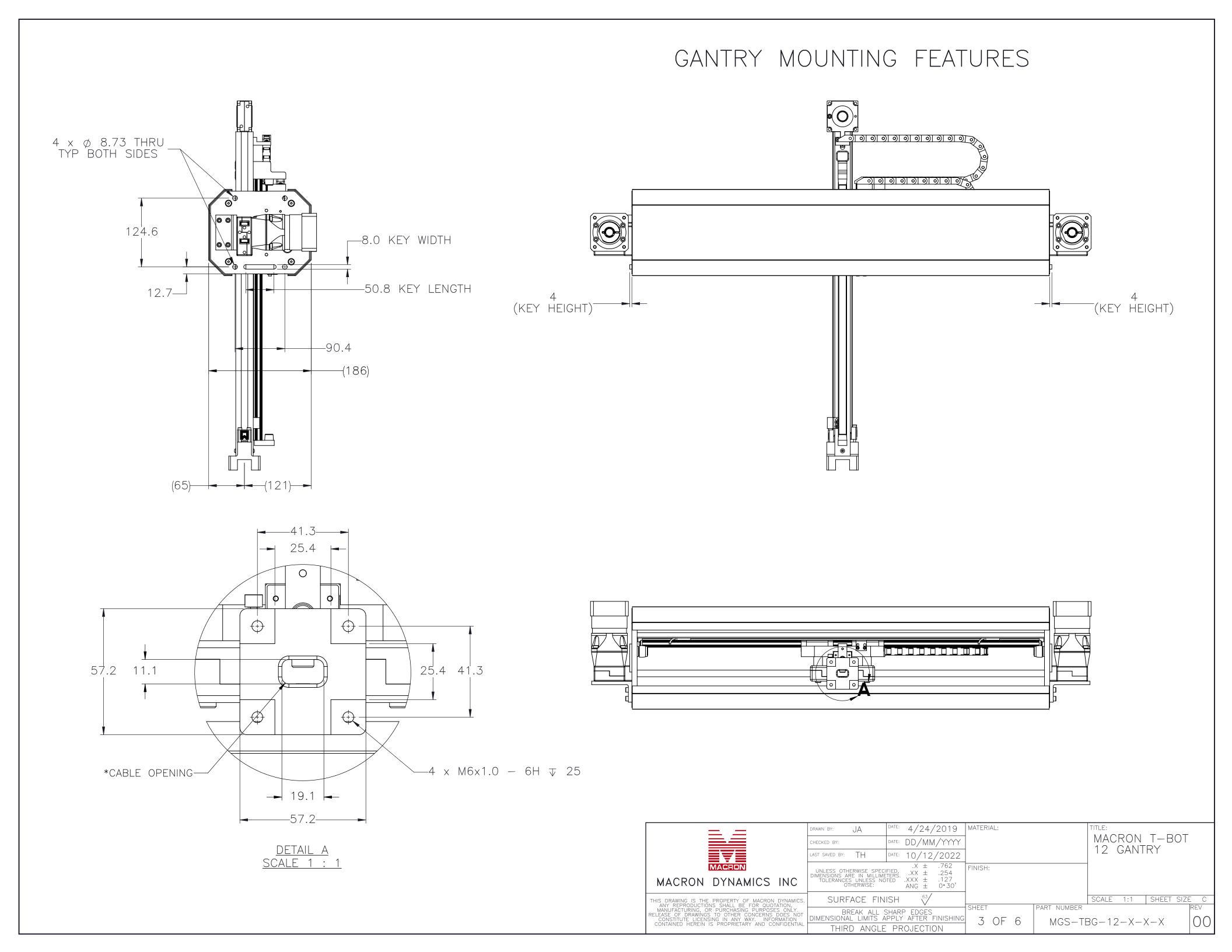
MGS-TBG-12-	
GEARBOX MODEL MPG-062 MRG-062 RATIO:	
FOR DIRECT DRIVE OPTION WITH MMK (NO GEARBOX) CHECK HERE:	
MOTOR INFORMATION MANUFACTURER: MODEL:	
SENSOR INFORMATION X-AXIS: HOME-QTY244 EOT-QTY244 SENSOR INFORMATION Z-AXIS: EOT-QTY (2 MAX)244	
(SEE T-SLOT SENSOR KIT SHEET FOR PART NUMBER CONFIGURATION)	
MPG-062 GEARBOX	
APPROVED:	
SIGN & PRINT	
DATE:	MACRON
PO:REFERENCE#:	THIS DRAWING IS TH ANY REPRODUCT

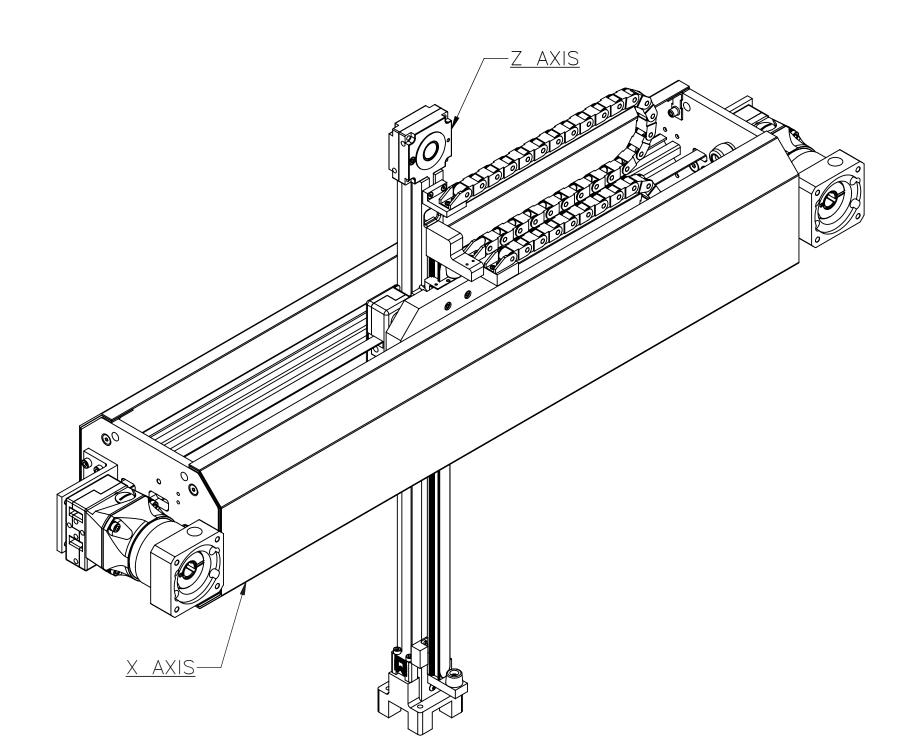








MOTOR SIZING INFORMATION



PROPERTY	VALUE
PULLEY PITCH Ø	33.42mm (1.32")
PULLEY WIDTH	16.3mm (0.64")
PULLEY MATERIAL	STEEL
TRAVEL PER REV	105mm
BELT WIDTH	12mm (.472")
ULTIMATE TENSILE STRENGTH OF BELT	800 LBS (3559 N)
RECOMMENDED BELT RUNNING LOAD	200 LBS (889 N)

X-TRAV

Y-TRAVI

NOTE: AL CUSTOME



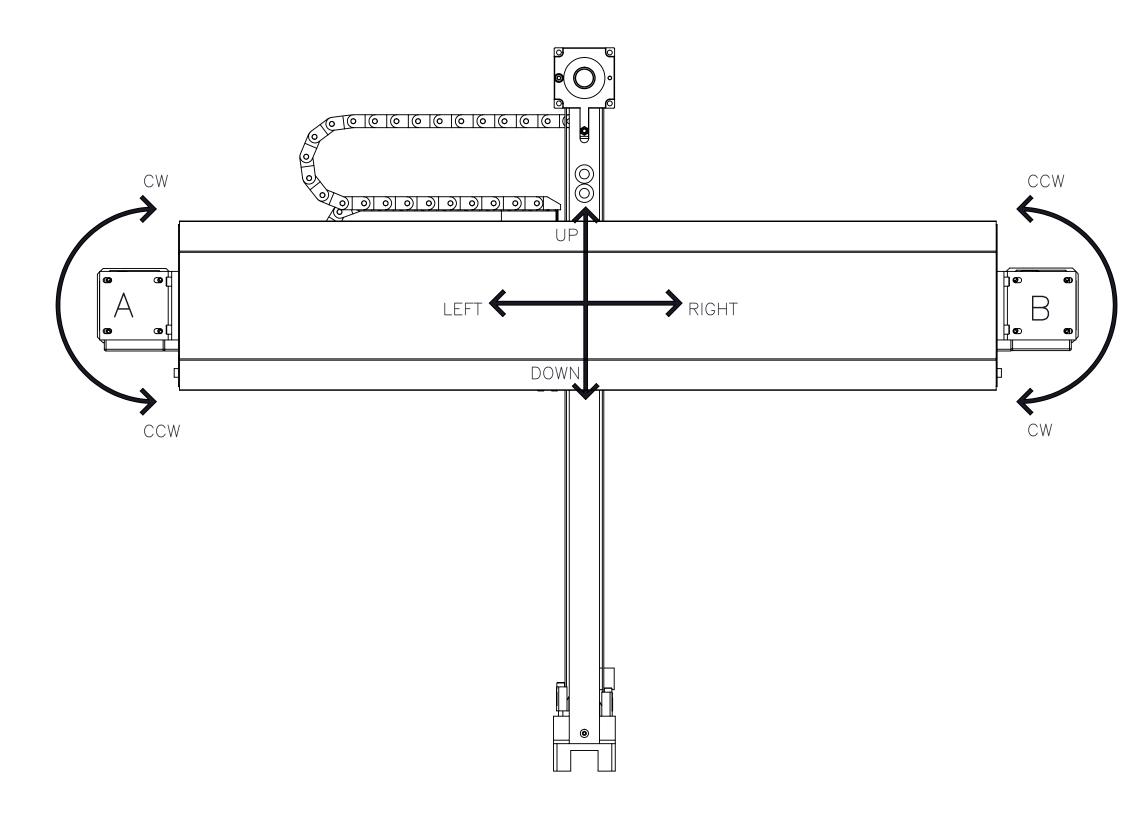
MACRON

THIS DRAWING IS T ANY REPRODUC MANUFACTURING, RELEASE OF DRAWIN CONSTITUTE LICE CONTAINED HEREI

VE	L =n	<u>hm</u>						
VEI	L =	<u>ım</u>		-				
\LL	LL SUPPLIED MASSES DO NOT INCLUDE GEARBOX MPG-062 1.0kg						1.0kg	
IER	COMPONENTS	(MOTORS, CA	ABLES, ETC)			YŜTEM SES)	MRG-062	3.0kg
	(X TR.	AVEL x .000	08) + (Z TR	avel	. x .00)008) +	.057 = kg	
2	$(X TRAVEL \times .0001) + (Z TRAVEL \times .0026) + 3.70 = kg$							
1	$(X TRAVEL \times .0092) + (Z TRAVEL \times .0028) + 8.71 = kg$							
		drawn by: JA	DATE: 4/24/2019	MATER	IAL:		TITLE:	
		CHECKED BY:	DATE: DD/MM/YYYY				MACRON T-	
		last saved by: TH	DATE: 10/12/2022				12 GANTRY	
	MACEON DYNAMICS INC	UNLESS OTHERWISE SPEC DIMENSIONS ARE IN MILLIM TOLERANCES UNLESS NO OTHERWISE:	.X ± .762 CIFIED, .XX ± .254 ETERSXX ± .127 ANG ± 0•30'	FINISH	:			
S THE	PROPERTY OF MACRON DYNAMICS.	SURFACE FIN	IISH 🗸					EET SIZE C
LICENS	NS SHALL BE FOR QUOTATION, R PURCHASING PURPOSES ONLY. B TO OTHER CONCERNS DOES NOT ING IN ANY WAY. INFORMATION S PROPRIETARY AND CONFIDENTIAL	DIMENSIONAL LIMITS /	SHARP EDGES APPLY AFTER FINISHING E PROJECTION	SHEET	OF 6	part numbe MGS-	er FBG—12—X—X—X	REV 00

MOTOR DYNAMICS

(ASSUMES MOTORS ARE ROTATING AT SAME ANGULAR VELOCITY)



*PULLEY ROTATION AND Z-AXIS MOVEMENT ARE WITH RESPECT TO THIS GANTRY VIEW



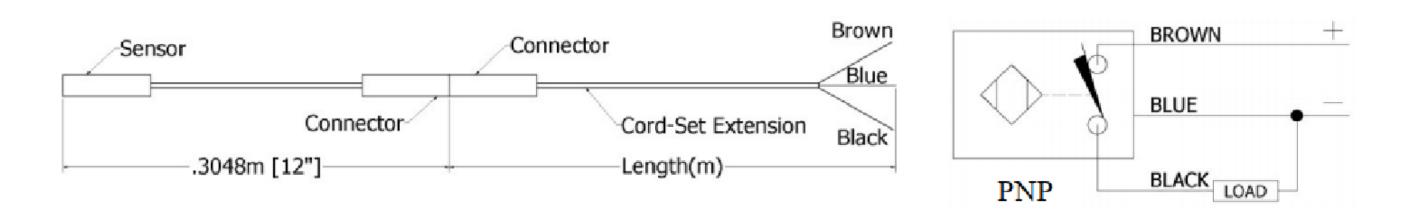
ROTATIONAL	DIRECTION	Z-AXIS MOVEMENT	
PULLEY A	PULLEY B		
CW	CW	LEFT	
CW	CCW	UP	
CCW	CW	DOWN	
CCW	CCW	RIGHT	

	drawn by: JA	DATE: 4/24/2019	MATERIAL:		TITLE:	
	CHECKED BY:	DATE: DD/MM/YYYY				
	last saved by: TH	DATE: 10/12/2022				
MACRON	UNLESS OTHERWISE SPECI DIMENSIONS ARE IN MILLIME	.X ± .762 CIFIED, .XX ± .254	FINISH:			
I DYNAMICS INC	TOLERANCES UNLESS NO OTHERWISE:	OTED .XXX ± .127 ANG ± 0.30'				
HE PROPERTY OF MACRON DYNAMICS.	SURFACE FIN				SCALE 1:1	SHEET SIZE C
TIONS SHALL BE FOR QUOTATION, OR PURCHASING PURPOSES ONLY.	BREAK ALL S	SHARP EDGES	SHEET	PART NUMBER		REV
NGS TO OTHER CONCERNS DOES NOT ENSING IN ANY WAY. INFORMATION	DIMENSIONAL LIMITS A	APPLY AFTER FINISHING	5 OF 6	MCS_TR	G-12-X-X-	_×
N IS PROPRIETARY AND CONFIDENTIAL	THIRD ANGLE	E PROJECTION	0 01 0		3 12 A A	~

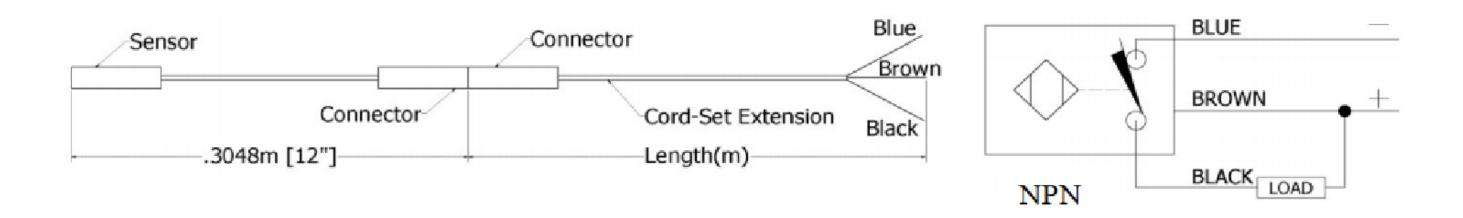
SPECIFICATIONS

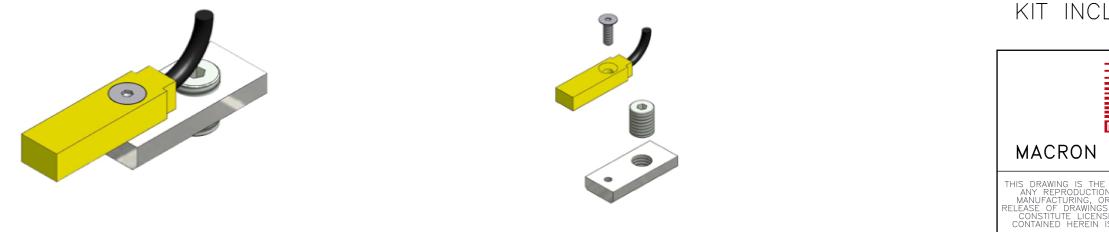
Sensor Type	Inductive
Sensor Size	Fits all 8mm
	wide T-Slots
Operating Voltage	10-30 VDC
Voltage Drop Across Conducting Sensor	≤1.8 V at 100 mA
Number of Conductors (AWG)	3x26 AWG
Temperature Range	-40°C to 105°C

PNP Diagrams



NPN Diagrams





Part Number Configuration 244-__-

PNP or NPN	NC or NO	02	Meters
PNP or NPN	NC or NO	06	Meters
PNP or NPN	NC or NO	12	Meters

Example: PNP, normally closed, cord-set extension length 6 meters = 244-PNP-NC-06

KIT INCLUDES - SENSOR, CORDSET EXTENSION, AND MOUNTING HARDWARE

	drawn by: PHW	DATE: 11/26/2017	MATERIAL:		TITLE:	
	CHECKED BY:	DATE: DD/MM/YYYY			T-SLOT	SENSOR
	last saved by: Paul	DATE: 10/12/2022			KIT	
MACRON	UNLESS OTHERWISE SPEC	.X ± .762 CIFIED, .XX ± .254	FINISH:			
N DYNAMICS INC	DIMENSIONS ARE IN MILLIME TOLERANCES UNLESS NO OTHERWISE:	EIERS.				
S THE PROPERTY OF MACRON DYNAMICS.	SURFACE FIN	ISH 💕	0		SCALE 1:1	SHEET SIZE C
UCTIONS SHALL BE FOR QUOTATION, NG, OR PURCHASING PURPOSES ONLY. WINGS TO OTHER CONCERNS DOES NOT LCENSING IN ANY WAY. INFORMATION		SHARP EDGES APPLY AFTER FINISHING	sheet 6 OF 6	PART NUMBER		REV
REIN IS PROPRIETARY AND CONFIDENTIAL	THIRD ANGLE	PROJECTION	0 01 0			