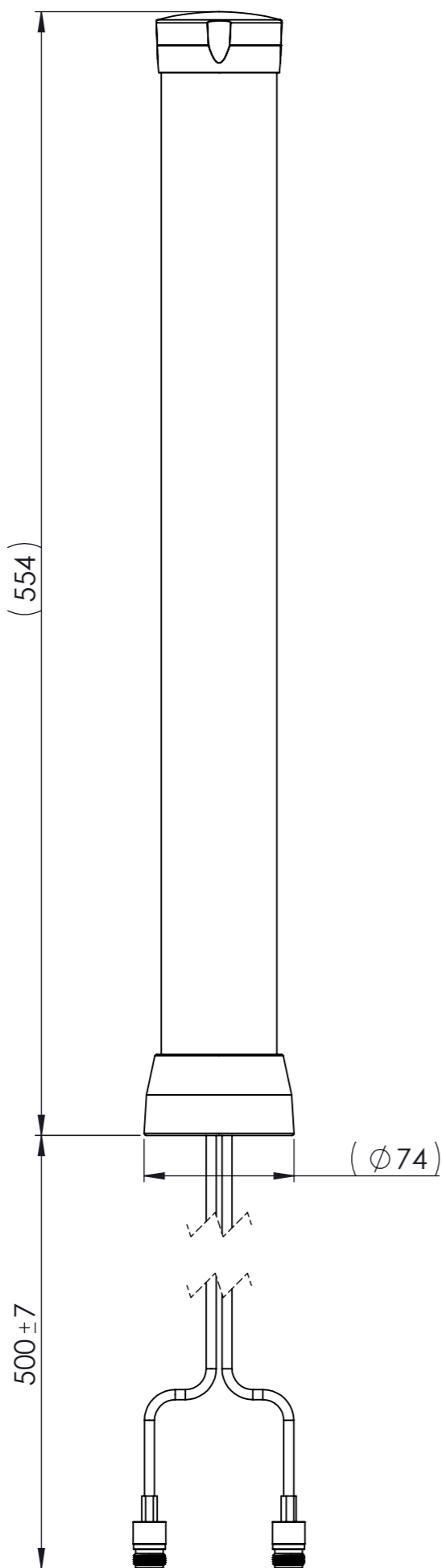


REVISIONS

REV	DESCRIPTION	DATE	DWN	APVD
A1	ECD-23-00016	13JAN2023	CYH	WT NG
A2	ECD-23-00144	18JUL2023	CYH	WT NG



Parameter	Performance			
Part Number	OPD61603-50NF			
TCPN	L000320-03			
Frequency Bands, MHz	617-960	1427-2700	3300-4800	4900-6000
Peak Gain, dBi (Max)	3	5	4.09	4.62
Total Efficiency (Average)	78%	77%	63%	60%
VSWR (Average)*	<2.5:1			
ECC**	<0.1			
Nominal Impedance	50 Ohm			
Polarization	Linear, Vertical			
Azimuth Beam Width	360°, Omnidirectional			
Input Power, Max	10W			
Operating Temperature	-40 °C ~ +85 °C			
Storage Temperature	-40 °C ~ +85 °C			
Weight (Without mounting)	512g			
RF Connector	N-Type, Female			
Radome	Polycarbonate, UV			
Cap & Base	ASA, UV			
Color	White			
Cable	LMR195 equivalent Black			
Cable Length	0.5m			
Wind Rating (Survival)	110mph			
Ingression Protection	IP67			
Material Compliance	RoHS			

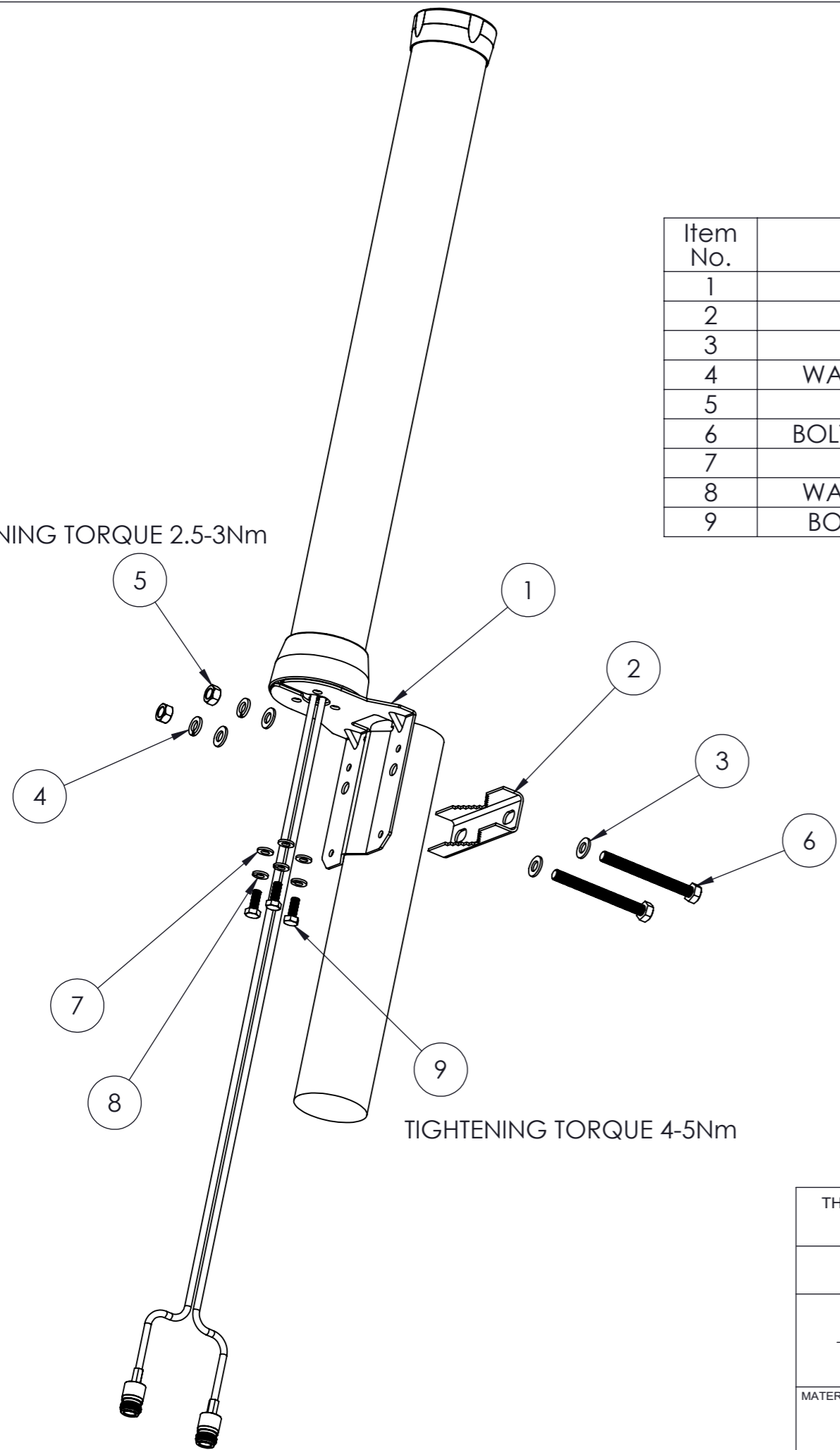
A2

\*Note: VSWR data is measured with the antenna installed on the mounting bracket  
 \*\*Note: Simulation data

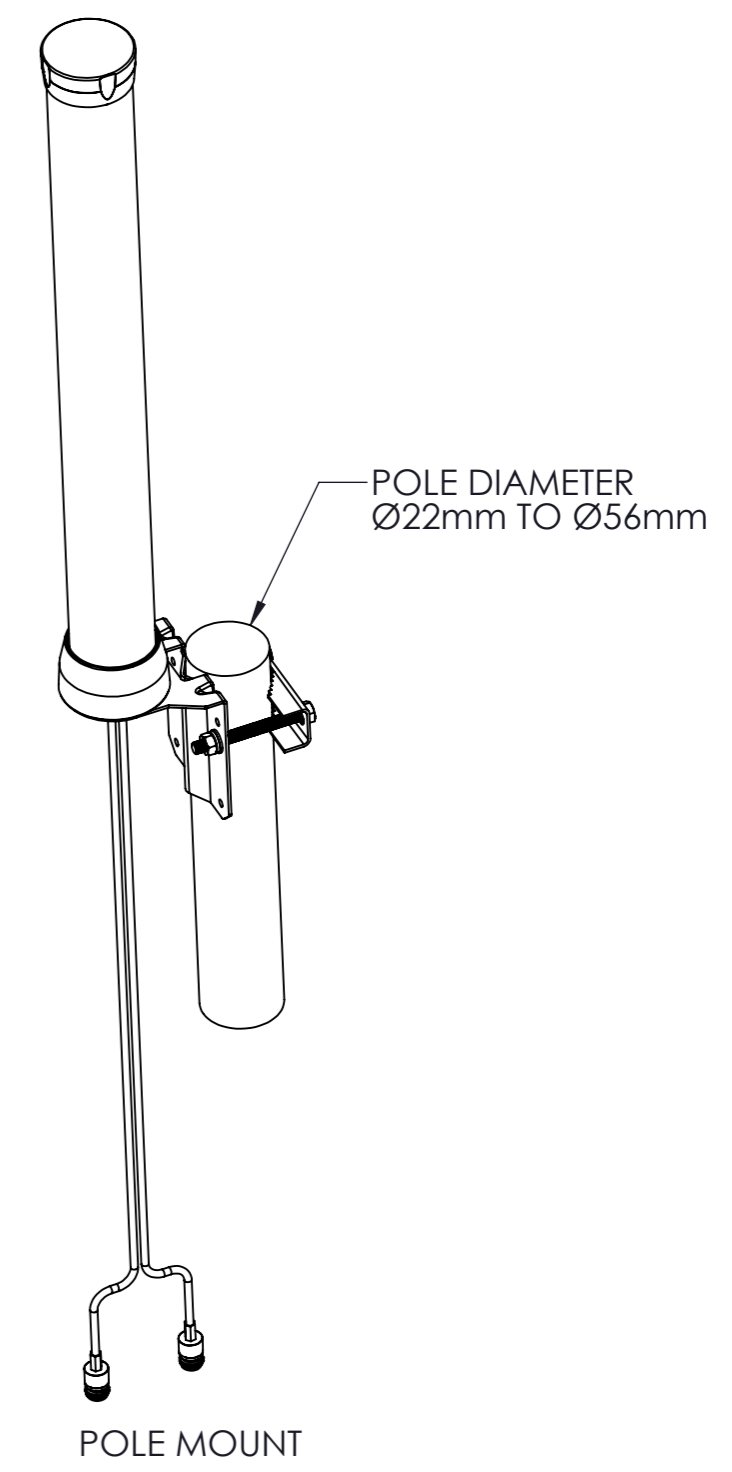
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN CY HANG 04-JAN-2023		
DIMENSIONS: mm		CHK RIZWAN KHAN 04-JAN-2023		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD WT NG 04-JAN-2023	NAME OMNI,2x2 MIMO BATON 617-960/1427-6000MHZ	
0 PLC ±0.5		PRODUCT SPEC 108-160799	RESTRICTED TO	
1 PLC ±0.25		APPLICATION SPEC -	SIZE A3	CAGE CODE 00779
2 PLC ±0.13		WEIGHT -	DRAWING NO C=L000320-03	SCALE 1:10
3 PLC ±		CUSTOMER DRAWING	SHEET 1 OF 3	REV A2
4 PLC ±				
ANGLES ±0.5°				
MATERIAL -				
FINISH -				

Item No.	DESCRIPTION	QUANTITY
1	MOUNT BRACKET	1
2	POLE CLAMP	1
3	WASHER,FLAT M8	4
4	WASHER,SPLIT LOCK M8	2
5	NUT,HEX M8x1.25	2
6	BOLT,HEX M8x1.25x80mm	2
7	WASHER,FLAT M6	3
8	WASHER,SPLIT LOCK M6	3
9	BOLT,HEX M6x1X16mm	3

TIGHTENING TORQUE 2.5-3Nm

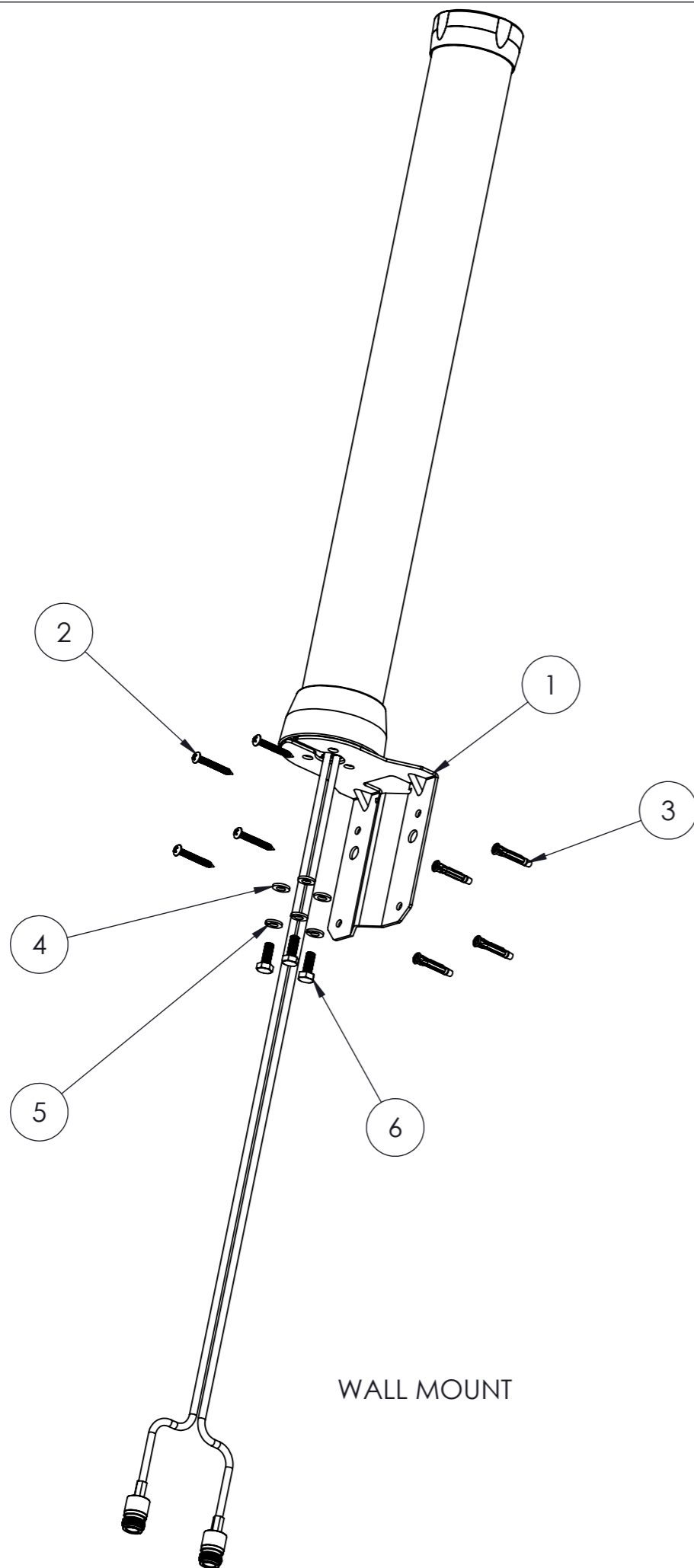


TIGHTENING TORQUE 4-5Nm

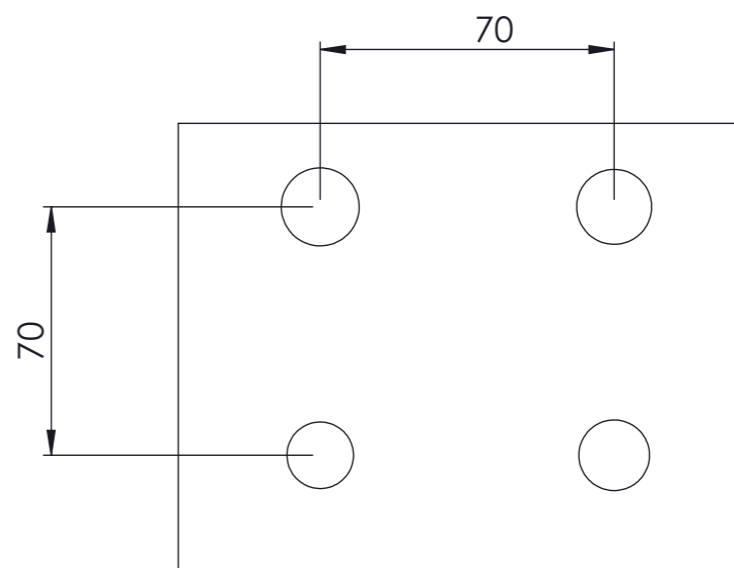


POLE MOUNT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	04-JAN-2023			TE Connectivity		
		CHK	04-JAN-2023			NAME		
		APVD	04-JAN-2023			OMNI,2x2 MIMO BATON 617-960/1427-6000MHz		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		108-160799		
		0 PLC ± 0.5		APPLICATION SPEC		-		
		1 PLC ± 0.25		SIZE		A3		
		2 PLC ± 0.13		CAGE CODE		00779		
		3 PLC ±		DRAWING NO		C=L000320-03		
		4 PLC ±		RESTRICTED TO				
		ANGLES ± 30'		WEIGHT		g		
MATERIAL		FINISH		CUSTOMER DRAWING		SCALE 1:10		
				SHEET 2 OF 3		REV A2		



Item No.	DESCRIPTION	QUANTITY
1	MOUNT BRACKET	1
2	SCREW,PHILIP 8-18x1-1/4	4
3	ANCHOR,TWIST ACTION 6-8x1-1/4	4
4	WASHER,FLAT M6	3
5	WASHER,SPLIT LOCK M6	3
6	BOLT,HEX M6x1X16mm	3



WALL HOLE DIMENSION

WALL MOUNT

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	04-JAN-2023			TE Connectivity			
		CHK	04-JAN-2023			NAME OMNI,2x2 MIMO BATON 617-960/1427-6000MHZ			
		APVD	04-JAN-2023						
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	PRODUCT SPEC	108-160799			SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
	0 PLC ± 0.5	APPLICATION SPEC	-			A3	00779	©=L000320-03	
	1 PLC ± 0.25	WEIGHT	g			SCALE		1:10	SHEET
MATERIAL	FINISH	CUSTOMER DRAWING		3 OF 3		REV		A2	