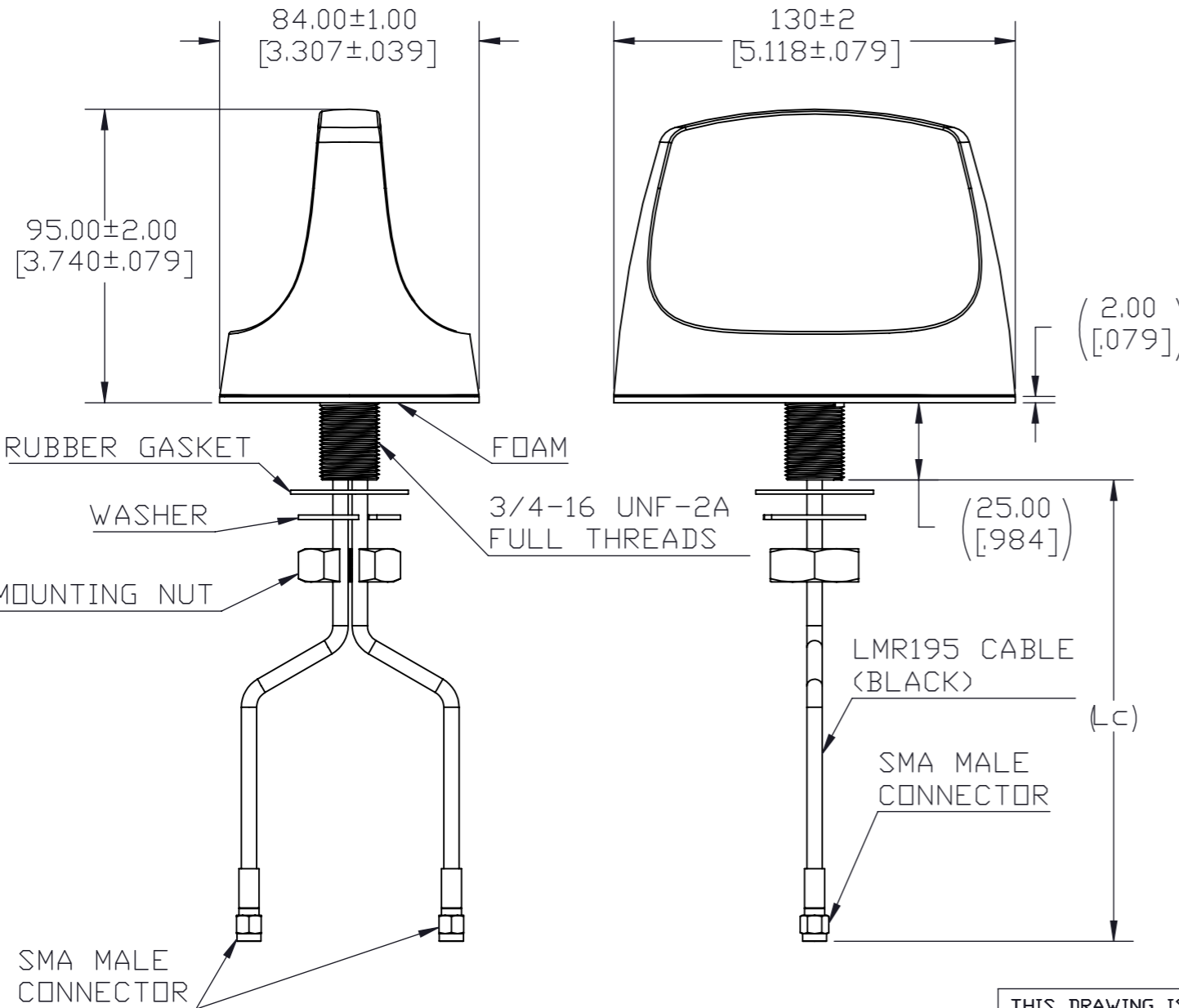
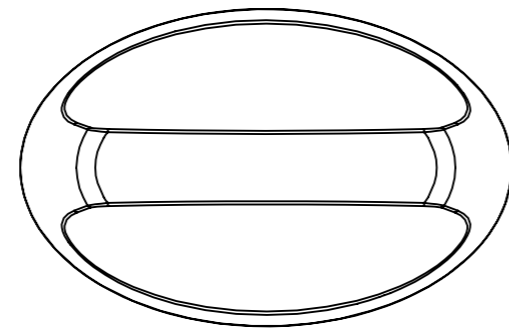


REV	DESCRIPTION	DATE	DWN	APVD
F01	(ECD-19-00436) INITIAL RELEASE	15AUG19	YJ TEQH	WT NG
A1	CHANGE TO TE DRAWING FORMAT	04MAR25	KS	C.HANG

RF SPEC SUMMARY

PARAMETER	SPECIFICATIONS									
ANTENNA MODEL	MTRA61274CB2-001									
NO. OF PORTS	2 (2-PORTS LTE)									
FREQUENCY BANDS, MHZ	LTE PORT-1 / LTE PORT-2									
	617-698	698-824	824-894	880-960	1350-1550	1690-1880	1850-1990	1910-2180	2300-2500	2500-2700
PEAK GAIN**, DBI (AVERAGE)	2.4	3.1	2.8	2.7	2.7	3.6	3.9	3.5	3.6	2.9
PEAK GAIN**, DBI (MAX)	3.2	4.0	4.0	3.4	4.7	4.1	4.1	4.2	4.0	3.4
VSWR* (MAX)	2.5									
VSWR* (AVERAGE) PORT 1	<1.4	<1.8	<1.9	<1.9	<1.5	<1.3	<1.4	<1.8	<1.8	<1.9
PORT 2	<1.4	<1.8	<1.9	<1.9	<1.5	<1.3	<1.4	<1.8	<1.8	<1.8
PORT-TO-PORT ISOLATION LTE1-TO-LTE2	-8	-10	-10	-10	-15	-17	-18	-18	-18	-25
NOMINAL IMPEDANCE	50 OHMS									
POLARIZATION	LINEAR VERTICAL									
AZIMUTH BEAM WIDTH	360°, OMNIDIRECTIONAL									
INPUT POWER, MAX	50 WATTS									
OPERATING TEMPERATURE	-30°C TO +70°C (-22°F TO +158°F)									
STORAGE TEMPERATURE	-40°C TO +85°C (-40°F TO +185°F)									
DIMENSIONS (LENGTH X WIDTH X HEIGHT)	130.00x84.00x95.00(5.120x3.310x3.740)									
WEIGHT	343 G (12.1 OZ)									
CONNECTOR	SMA-MALE									
CABLE TYPE	LMR195 (BLACK)									
CABLE - EXPOSED LENGTH	610.00±25.00(24.000±1.000)									
RADOME/BASEPLATE MATERIAL	PC, UL94 V0 RATING, UV STABLE (BLACK)									
MATERIAL COMPLIANCE	ROHS									

(*/** MEASURED ON 1FT METAL GROUND PLANE)



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN YJ TEQH 22JUL2019		
		CHK YJ TEQH 22JUL2019		
		APVD C.HANG 22JUL2019		
DIMENSIONS: mm[INCH]		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 0.5 1 PLC ± 0.25 2 PLC ± 0.130 3 PLC ± 4 PLC ± ANGLES ± 30°		NAME
		PRODUCT SPEC REFER TABLE		OMNI,DB,Ph,617/1690 MHZ
MATERIAL N/A		APPLICATION SPEC N/A		SIZE A3
FINISH N/A		WEIGHT REFER TABLE		CAGE CODE 00779
		CUSTOMER DRAWING		DRAWING NO ©-MTRA61274CB2-001
		SCALE 1:2		RESTRICTED TO
		SHEET 1 OF 1		REV A1