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REVISIONS				
REV	DESCRIPTION	DATE	DWN	APVD
AB	ADDED QR BARCODE ON ANTENNA	17SEP14	WT NG	HANG
F01	(ECO-18-00437) ADDED MOUNTING HOLES DIMENSION & DISTANCE	12OCT18	WT NG	WT NG
A1	CHANGE TO TE DRAWING FORMAT	17APR25	A K	HANG

D

D

C

C

B

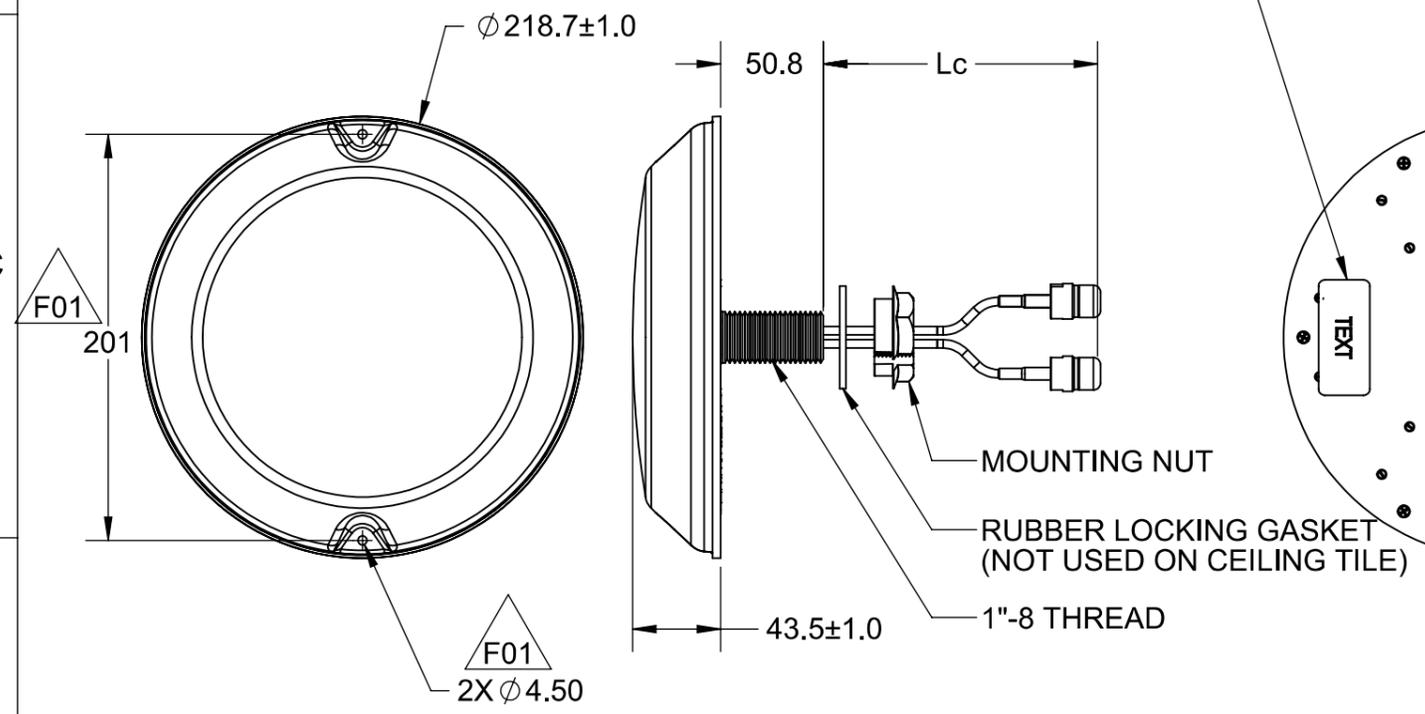
B

A

A

UNIT LABEL
(PLACE APPROXIMATELY
AS SHOWN)

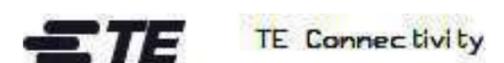
HANG



QR BARCODE
(PLACE APPROXIMATELY
AS SHOWN)

Parameter	Performance
TE Connectivity Part Number	CMD69273P-30NF
Antenna Type	MIMO Omni
Connector Type	N-Female (2X)
Cable type	Semi flexible 402 cable
Pigtail Length, Lc	300mm +15mm
Operating Frequency Range	698-960MHz / 1710-2700MHz
Gain (dBi)	3.1 (typical), 3.9 (max) @ 700 Band
	3.1 (typical), 3.8 (max) @ 800 Band
	2.8 (typical), 3.5 (max) @ 900 Band
	5.9 (typical), 6.8 (max) @ 1800 Band
	4.5 (typical), 5.1 (max) @ 1900 Band
	4.3 (typical), 4.7 (max) @ 2100 Band
Azimuth Beam Width (deg)	5.9 (typical), 6.3 (max) @ 2300 Band
	6.9 (typical), 7.4 (max) @ 2600Band
Azimuth Beam Width (deg)	Omni directional
VSWR Max	2.0:1
Port to Port Isolation	<-17dB @ 698-960MHz
	<-20dB @ 1710-2700MHz
Polarization	Linear, Omnidirectional
Max Power (watts)	50w (ambient temp of 25°C)
PIM, 3rd order, 2X20W	<-150dBc
Antenna Weight	0.45kg
Storage Temperature Range (°C)	-40 to +85
Operational Temperature Range (°C)	-30 to +70
Outdoor Rated	No
Radome	PC/ABS, UL94-V0, White
RoHS	Yes

MATERIAL: N/A		THIRD ANGLE PROJECTION
FINISH: N/A		
APPROVALS		DO NOT SCALE DRAWING INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009 TOLERANCES UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS
DRAWN BY	WT NG	
PROJ. ENG.	LL TEOH	
APPL. MECH.	CY HANG	
MFG.	CH FONG	
		ANGLE: 0 PLACE DECIMAL: ±30' 1 PLACE DECIMAL: ±0.5 2 PLACE DECIMAL: ±0.25 SURFACE ROUGHNESS 1.6/√



TITLE: MOUNTING & OUTLINE CMD69273P-30NF		
SIZE A3	DWG. NO. C-CMD69273P-30NF	REV A1
SCALE: 1:3.5 PREVIOUS#		SHEET 1 OF 1

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