

6

5

4

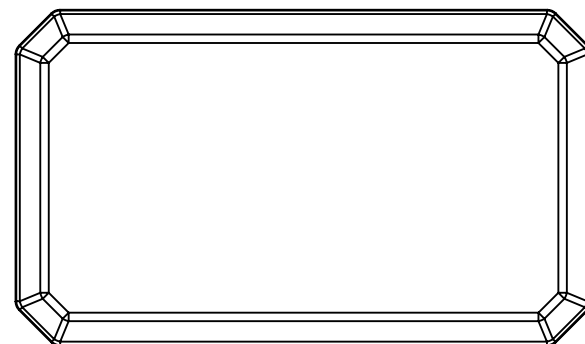
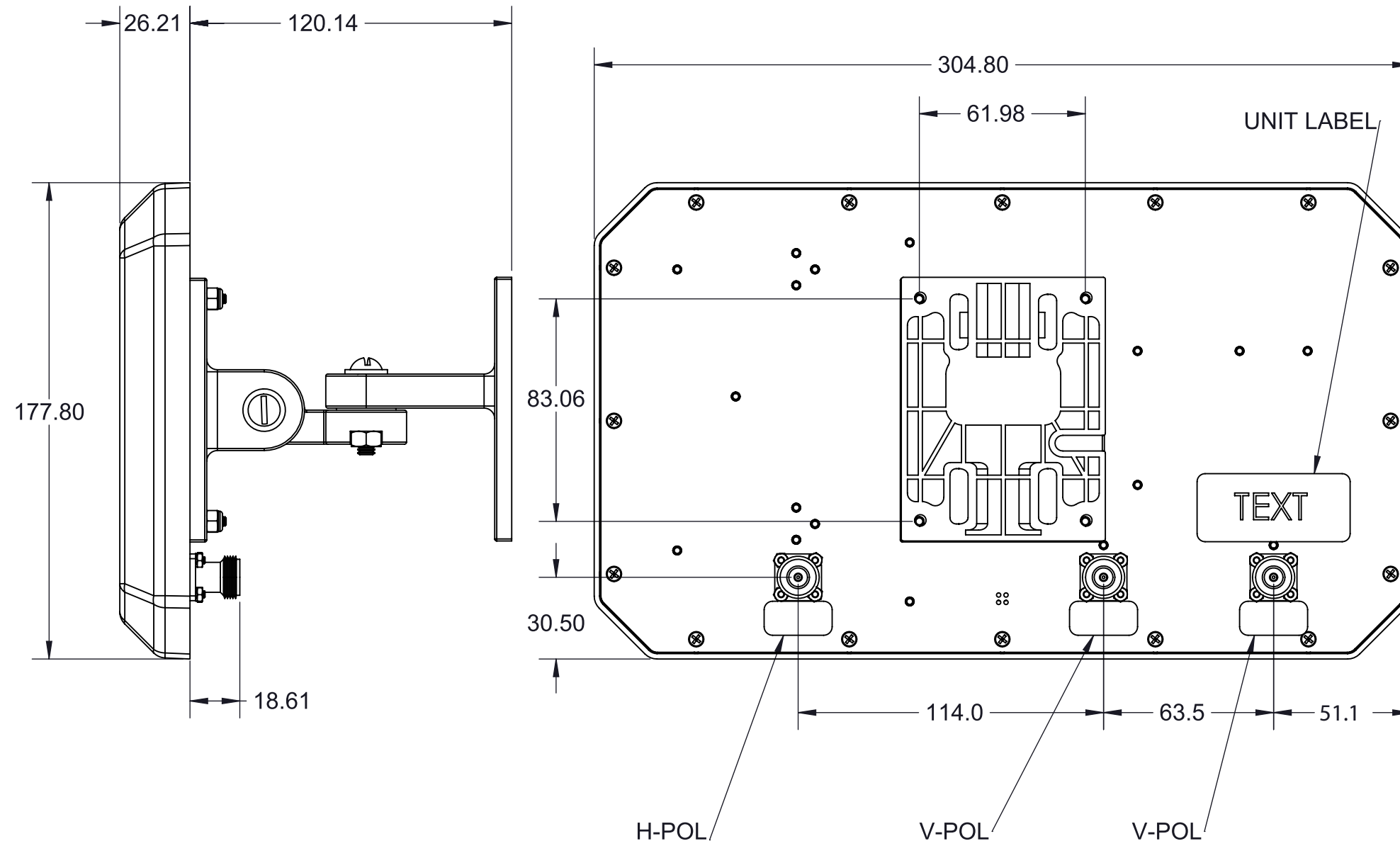
3

2

1

REVISIONS					
REV.	ECR#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
AA			RELEASED FOR PRODUCTION	MJM 7/23/13	E.R. 7/23/13

Parameter	Performance	
Model Number	PDM24519-FNF	
Frequency	2400-2500 MHz	5150-5900MHz
Peak Gain	8.0 dBi	9.0 dBi
Azimuth Plane 3-dB Beamwidth (Typical)	90 °	120 °
Elevation Plane 3-dB Beamwidth (Typical)	45 °	30 °
Polarization	Dual Polarization(H, V)	
F/B Ratio	20 dB	
Impedance	50Ω	
VSWR V-Pole 2400-2500MHz	2.0:1	
VSWR V-Pole 5150-5900MHz	2.0:1	
VSWR H-Pole 2400-2500MHz	2.0:1	
VSWR H-Pole 5150-5900MHz	2.0:1	
Power	10 Watts	
RF Connector	Type N, Female Fixed	
Radome	MATERIAL: WHITE POLYCARBONATE	
Operating Temperature	-30 C to +70 C	
Storage Temperature	-40 C to +85C	
Water/Foreign Body Ingress	IP-67	
Antenna Weight	0.69 kg	



SCALE: 1:4

MATERIAL:	N/A	THIRD ANGLE PROJECTION							
FINISH:	N/A	DO NOT SCALE DRAWING							
APPROVALS	DATE	INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009	<p style="text-align: center;"><b>PDM24519-FNF</b></p>						
DRAWN BY: M.McGinnis	6/13/13	TOLERANCES UNLESS OTHERWISE SPECIFIED							
PROJ. ENG. T.Petropoulos	7/23/13	DIMENSIONS ARE IN MILLIMETERS							
APPL. MECH. S.JOHNSON	7/23/13	ANGLE: ±30' 0 PLACE DECIMAL: ±0.5 1 PLACE DECIMAL: ±0.25 2 PLACE DECIMAL: ±0.13 SURFACE ROUGHNESS 1.6/√							
MFG. B.THATCHER	7/23/13		<table border="1"> <tr> <td>SIZE</td> <td>DWG. NO.</td> <td>REV</td> </tr> <tr> <td>A3</td> <td>PDM24519-FNF-MO</td> <td>AA</td> </tr> </table>	SIZE	DWG. NO.	REV	A3	PDM24519-FNF-MO	AA
SIZE	DWG. NO.	REV							
A3	PDM24519-FNF-MO	AA							
THIS DRAWING IS UNPUBLISHED.		RELEASED FOR PUBLICATION							
© Copyright 2022 TE Connectivity Ltd.		ALL RIGHTS RESERVED.							

SCALE: 1:2	PREVIOUS#	SHEET 1 OF 1
------------	-----------	--------------

6

5

4

3

2

1