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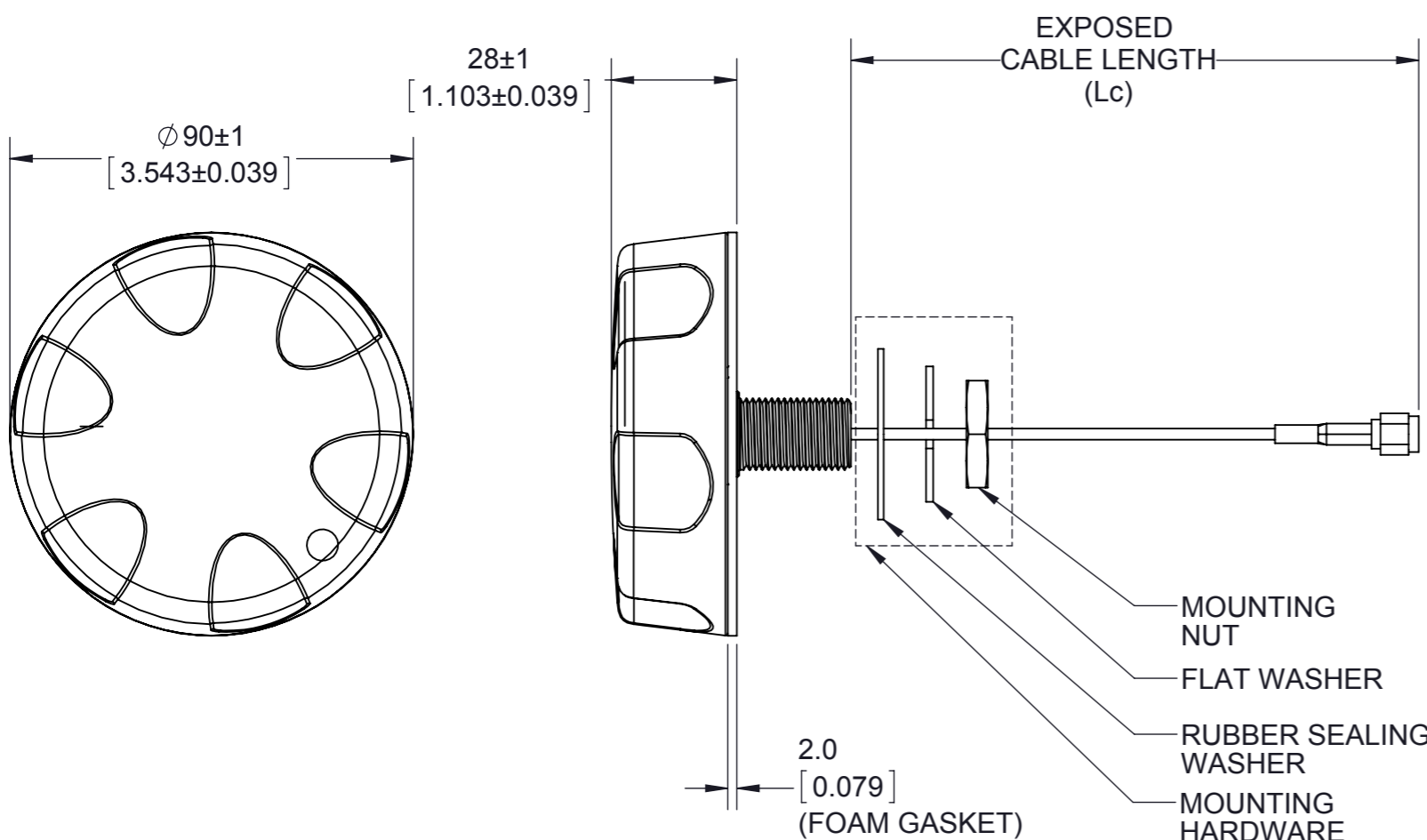
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REVISIONS					
REV.	ECN#	ZONE	DESCRIPTION	CHANGED BY/DATE	APPROVED BY/DATE
F01	ECN-IAS-03731		PRODUCTION RELEASE	WT NG 27FEB15	HANG 27FEB15




Parameter	Performance			
Model Number	LPS88213NT-61SMAM			
RF Connector	SMA Male Connector			
Cable Type	RG 316			
Cable Length, Lc	610 ± 12mm [24" ± 0.47"]			
Frequency (MHz)	880-960	1710-1880	1850-1990	1910-2170
Gain dBi, Typ				
On Metal Housing	2.2	4.4	3.7	3.7
On Plastic Housing	2.3	1.8	2.1	2.9
Gain dBi, Max				
On Metal Housing	2.5	5	3.9	3.9
On Plastic Housing	3.4	2.1	2.5	3
VSWR	3.0:1 Max.			
Nominal Impedance	50Ω			
Power (Watts)	10W Max.			
Azimuth beam width	Omnidirectional			
Polarization	Linear Vertical			
Dimension	26(H)X90(Dia.)mm (Excludes Gasket Height)			
Weight lbs (kg)	Approximate 108.5g [0.24lb]			
Storage Temp Range (°C)	-40°C to 85°C			
Operator Temp Range (°C)	-30°C to 70°C			
Outdoor Rated	Yes			
IP Rating	IP67			
Wind Survival	200 km/h [119.9Mph]			
Mounting	Bulkhead			
Mounting Nut Installation Torque	5.43~8.14 Nm			
Radome	PC, Black			
Material Substance Compliance	RoHS Compliant			

Note:  
 -Antenna is ground independent but its antenna performance may change according to customer test condition.  
 -Metal housing and Plastic housing test condition are represented by 300mm diameter aluminium plate and 255mm x 255mm x 2mm plastic base respectively.  
 -Patent Pending.

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The component(s), including any plating, finishes, coatings, chemicals and surfaces treatments, supplied in this document/drawing must conform and comply with the latest issue of Laird Technologies Specification LT-GES-001, which fully includes but is not limited to all contents of EU Directives 2011/65/EC (RoHS Directive), as well as includes requirements of the Joint Industry Guide standard JIG-101, April 2005. The component(s) in this document/drawing may be subject to a full compound analysis for proof of compliance. The latest issue of Laird Technologies Specification LT-GES-001, (General Specification for the Environment) is readily available upon request from the supplier.

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<b>MATERIAL:</b> N/A		THIRD ANGLE PROJECTION		 IAS, PENANG MALAYSIA	
<b>FINISH:</b> N/A		DO NOT SCALE DRAWING			
APPROVALS		DATE		TITLE:	
DRAWN BY	WT NG	27JAN15		<b>MOUNTING &amp; OUTLINE</b> <b>LPS88213NT-61SMAM</b>	
ELEC. ENG.	XW TEOH	27JAN15			
MECH. ENG.	WT NG	27JAN15			
MFG./OPS.	SC NG	27JAN15			
INTERPRET DIMENSIONING AND TOLERANCING IN ACCORDANCE WITH ASME Y14.5M-2009		TOLERANCES UNLESS OTHERWISE SPECIFIED		SIZE	
DIMENSIONS ARE IN MILLIMETERS		ANGLE: ±30'		DWG. NO.	
0 PLACE DECIMAL: ±0.5		1 PLACE DECIMAL: ±0.25		<b>A3LPS88213NT-61SMAMMO F01</b>	
2 PLACE DECIMAL: ±0.13		SURFACE ROUGHNESS 1.6/√			
SCALE: 2:3		PREVIOUS#		REV	
				SHEET 1 OF 1	

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