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		REVISIONS						1]			
REV.	ECN#	ZONE		[DESCRIPTION	CRIPTION			CHANGED BY/DATE		APPROVED BY/DATE		
F01	ECO-19- 00409		INITIAL RELEASE				WT NG 01AUG19 WT NG 01AU)1AUG19			
													D
PARA	METER					SPECIFI		N					
)						LPS69863N							
							L						
ncy Bands, N	ИНz		698-806	824-894	880-960	1690-1880		990	1910-2180	2300-2	500 2500	0-2700	
ain, dBi (Ma			3.9	3.9	4.0	6.1	6.6		6.6	4.8		4.1	
Max	,		< 3:1										
al Impedanc	e,Ω		50										C
ation			Linear - Vertical										
h Beam Wid	lth, °		360, Omnidirectional										
wer (Ambie	nt 25°C/77	°F), Watt	10										
ength, cm/Connector			610/ SMA-male										
a Dimension (Ht x Dia), mm			29 x Ø100										
(Approximation), g			119										
a Color			Black										
e –			PC, UV Rated										
ing Tempera			-30~+70										
e Temperature, °C ompliance			-40~+85 Yes										
ntenna is gi ntenna wori	-		cification	only wher	n mounte	d on a met	al she	et o	f minimun	n size	of 1' X	1'.	В
MATERIAL: FINISH: APPROVALS DATE DRAWN BY WT NG 25JUN13 ELEC. ENG. CC SU 25JUN13											A		
MECH. ENG.	WT NG	25JUN18	ANGLE:	ARE IN MILLIMET ±30 ECIMAL: ±0.5 ECIMAL: ±0.25 ECIMAL: ±0.13	SIZE	LPS69			. NO.	\/ A N		^{REV}	-
MFG./OPS.	HE KHOR	25JUN18	0 PLACE D 1 PLACE D 2 PLACE D	ECIMAL: ±0.25 ECIMAL: ±0.13						VI <i>I</i> ~\I\			-

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						REVISIONS					7
	REV.	ECN#	ZONE			DESCRIPTION	1		CHANGED BY/DATE	APPROVED BY/DATE]
F01 ECO-19- 00409				I	NITIAL RELEA	WT NG 01AUG19	WT NG 01AUG19				
											D
	PAR	AMETER					SPECIFICA	TION			
Part							LPS69863NT-				
Ports							1				
	uency Bands,	MHz		698-806	824-894	880-960		350-1990	910-2180 2300-2	500 2500-2700	
	c Gain, dBi (Ma			3.9	3.9	4.0	6.1	6.6	6.6 4.8		
	(R, Max			5.5	5.5	4.0	1		0.0 4.0		
	ninal Impedan	co. ()		< 3:1							
	rization	ce, sz		50							
	nuth Beam Wi	dth °		Linear - Vertical							
			-0->	360, Omnidirectional							
	Power (Ambie			10							
	e Length, cm/			610/ SMA-male							
	enna Dimensio	-	a), mm	29 x Ø100							
	ght (Approxim	nation), g		119							
Ante	enna Color			Black							
Rado	ome			PC, UV Rated							
Oper	rating Temper	ature, °C		-30 ~ +70							
Stora	age Temperat	ure, °C		-40 ~ +85							
RoHS	S Compliance			Yes							
	antenna is g	-		cification	only whe	n mounte	d on a metal	' sheet of	minimum size	of 1' X 1'.	B
	MATERIAL: FINISH:			THIRD ANGLE PROJECTION							
	4.5		DATE		SCALE DRAW		3TITLE:				
	DRAWN BY	PROVALS	25JUN18	AND TO ACCO	ET DIMENSIONIN DLERANCING IN RDANCE WITH E Y14.5M-2009	LPS69863NT-61SMAM					
	ELEC. ENG.	CC SU	25JUN18		ANCES UNLESS						
				DIMENSIONS	ARE IN MILLIME			_			-
-,-	MECH. ENG.	HE KHOR	25JUN18 25JUN18		± DECIMAL: ±0 DECIMAL: ±0.1	SIZE	PS698	DWG.	-61SMAN		
	IVIFG./UPS.	I'L' KHUK	200018	' 1 PLACE D	ECIMAL: ±0.	25 7 9					1

				MATERIAL:			THIRD ANGLE PROJECTION		
				FINISH:					
٨							DO NOT SCALE DRAWING	TITLE:	
A				API	PROVALS	DATE	INTERPRET DIMENSIONING AND TOLERANCING IN		
				DRAWN BY	WT NG	25JUN18	ACCORDANCE WITH ASME Y14.5M-2009		LPS698
				ELEC. ENG.	CC SU	25JUN18	TOLERANCES UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS	5	
				MECH. ENG.	WT NG	25JUN18		SIZE	E
		THIS DRAWING IS UNPUBLISHED.	RELEASED FOR PUBLICATION			05 11 11 10	ANGLE: ±30' 0 PLACE DECIMAL: ±0.5		S69863
		© Copyright 2022 TE Connectivity L	td. ALL RIGHTS RESERVE	ED. MFG./OPS.	HE KHOR	25JUN18	ANGLE: ±30' 0 PLACE DECIMAL: ±0.5 1 PLACE DECIMAL: ±0.25 2 PLACE DECIMAL: ±0.13		003000
							SURFACE ROUGHNESS	SCALE: 2:3	PREVIOUS#
FP	PEN001.015 D 6	5	4		3			2	

SHEET 1 OF 1