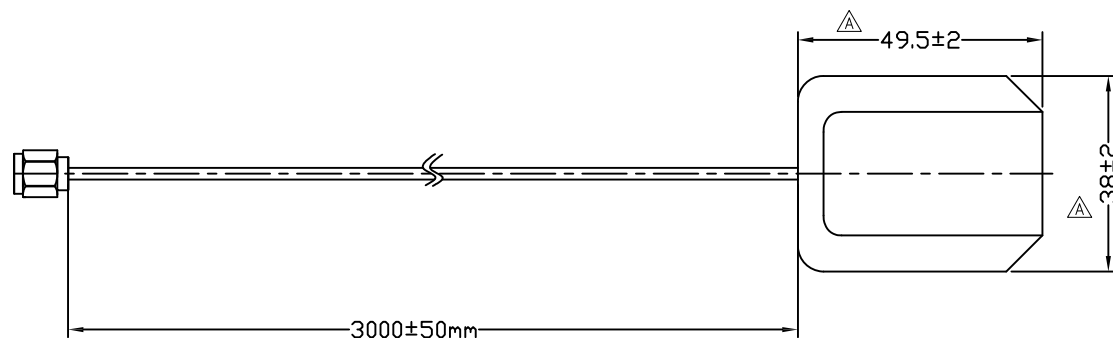
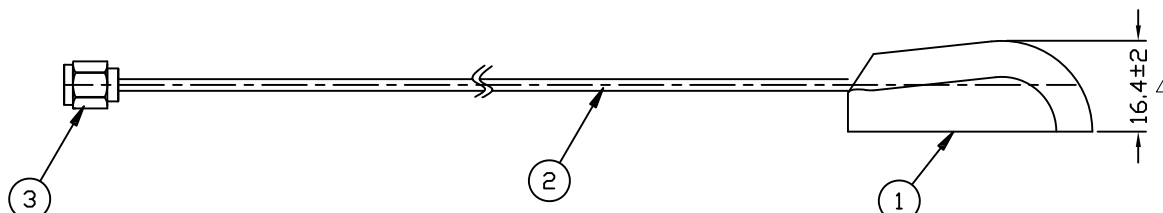


APPROVED: _____
DATE: _____ TITLE: _____
CUSTOM CABLE ASSEMBLIES ARE NON-CANCELLABLE / NON-RETURNABLE

Rev	AWO #	Description	Date	Appr
-		RELEASED	11/15/18	
A		UPDATE DIM.	12/23/19	AY/RC
B		ADDED SPEC.	8/18/20	AY/TW



3	CONNECTOR	SMA PLUG
2	CABLE	RG174
1	BODY	PC
ITEM	PART NAME	Material



SPECIFICATION

ELECTICAL PROPERTIES

FREQUENCY RANGE: 1575.42MHz

BANDWIDTH: ± 5

VSWR: ≤ 1.5

PEAK GAIN: $> 3\text{dBIC}$ BASED ON 7x7CM GROUND PLANE

GAIN COVERAGE: $> -4\text{dBIC}$ AT $-90. < 0 < +90. (\text{OVER } 75\% \text{ VOLUME})$

LAN GAIN: 25dB TYPICAL

POLARIZATION: LINEAR VERTICAL

NOISE FIGURE: 1.5dB

INPUT (DC): 3V~5V Δ

PHYSICAL PROPERTIES

ANTENNA BASE: PC

COLOR: BLACK

CONNECTOR: SMA ST. PR

MOUNTING: MAGNETIC

OPERATING TEMPERATURE: $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$

STORAGE TEMPERATURE: $-45^{\circ}\text{C} \sim +85^{\circ}\text{C}$

ENVIRONMENTAL:

LEAD FREE, ROHS COMPLIANT



UNLESS OTHERWISE SPECIFIED
ALL DIMENSIONS ARE MILLIMETERS
TOLERANCES: EXCEPT AS NOTED

X	± 0.50
X.X	± 0.20
X.XX	± 0.10

APPROVALS		DATE
DRAWN	AY	11/15/18
CHECKED	AC	11/15/18
APPROVED		

ADAM
TECH
INTERCONNECTS

909 Rahway Avenue,
Union, NJ 07083
Phone: 908-687-5000
Fax: 908-687-5710

TITLE

GPS ANTENNA

SIZE	PART NO.	REV.
X	ANT-DK-GP1FP-GAP3M-1	B
REF: S00291T		SCALE: NTS
		SHEET 1 OF 1

Mouser Electronics

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