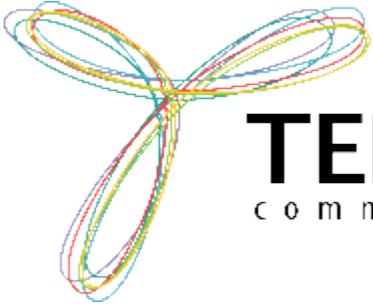


REVISIONS		
REV.	DESCRIPTION	DATE
A		06-Sep-2017
B	ADDED CONFIGURATIONS, UPDATED MODULE DESCRIPTION	13-Nov-2017
C	UPDATED ASSEMBLY STEPS	09-May-2018
D	CHANGE BATTERY COVER SCREWS, ADDED ACCESSORY LIST, LISTED BATTERY AS ACCESSORY, REMOVE HALF OF TOP LEVEL T-CODES	17-May-2018
D	ADDED INDIVIDUAL AND BULK PACKAGING DETAILS	29-May-2018
E	REPLACED MODEM FOR EU AND NA MODULES	08-Aug-2018
E	UPDATED: STEP 2.3 AND BOMS FOR MODULES WITH MODEM; TABLES ON PAGE 1, 2 & 4; PACKING INFO	11-Feb-2019
E	ADDED STEP #7 FOR CUSTOMER LABELS	28-Feb-2019
E	ADDED POE CONFIGURATIONS	25-Jun-2019
F	ADDED ANTENNA-T0005151 TO NA MODULES WITH MODEM, UPDATED STEP #2, ADDED EU POE CONFIGURATIONS	05-Sep-2019
F	UPDATED STEP #2.3, POE MODULES BOM, ACCESSORIES LIST	10-Feb-2020
G	REMOVED CONFIGURATIONS; UPDATED BOM, ASSEMBLY STEPS	14-Apr-2020
H	UPDATED BOM, ASSEMBLY STEPS, PACKAGING AND SHIPPING SPECIFICATIONS	26-May-2021
H1	UPDATED TABLE B - ADDED NEW PACKAGING AND SHIPPING OPTIONS	28-Oct-2021

NOTES:

- DRAWING DIMENSIONS ARE FOR REFERENCE AND INSPECTION ONLY. THE ASSOCIATED 3D CAD FILE IS THE PRIMARY DIMENSION REFERENCE.
- ALL DIMENSIONS IN MM [INCHES]
- UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:
 DIMENSIONS: X ±0.5
 X.X ±0.25
 X.XX ±0.1
 X.XXX ±0.05
 ANGLES: ±1.0°
- ALL MATERIALS, FINISHES AND MANUFACTURING PROCESSES SHALL BE COMPLIANT WITH EU DIRECTIVE 2011/65/EU (RoHS 2)
- ALL MATERIALS AND FINISHES SHALL BE COMPLIANT WITH EU DIRECTIVE EC/1907-2006 (REACH) AND THE CURRENT LIST OF SvHC
- LABELS SHALL BE MADE ACCORDING TO TEKTELIC SERIALIZATION AND LABELING STANDARD A0001010.
- THIS PRODUCT SHALL BE BUILT TO THE REQUIREMENTS LISTED IN TEKTELIC PRODUCT WORKMANSHIP STANDARD A0001043.



TEKTELIC

communications

TITLE:
LORA GATEWAY MODULE, KONA MICRO, NA, LTE MODEM

DWG NO. T0004855	REVISION H1	SIZE A3
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SCALE:1:2 SHEET 1 OF 7

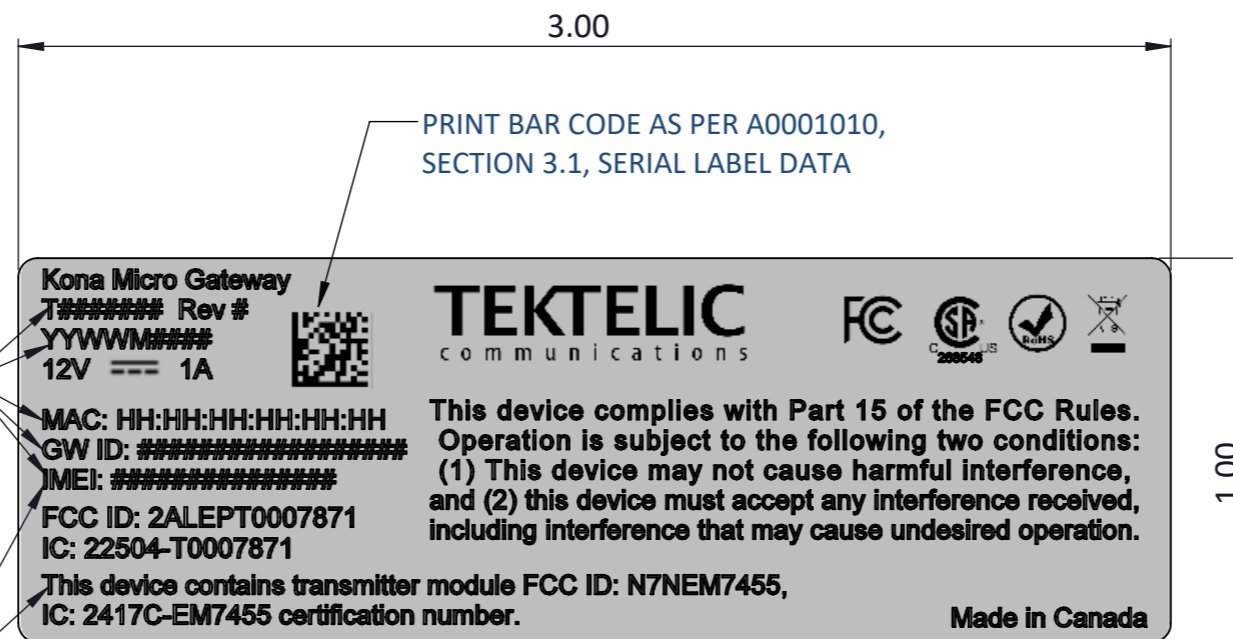
Table A - TOOL SPEC.

PART NUMBER	TOOL STYLE	TOOL SIZE	TORQUE - Nm ± 10%	ASSEMBLY REF
T0001686	TORX	T10	0.50	STEP #1
T0004954	TORX	T10	0.50	STEP #4
T0004955	TORX	T10	0.50	STEP #4
T0005572	CROSS RECESS	#1	0.50	STEP #5

REVISIONS		
REV.	DESCRIPTION	DATE
A		14-Feb-2018
B	UPDATED PRODUCT NAME, REMOVED CE MARK	18-Apr-2018
C	UPDATED APPROVED MATERIALS AND TRANSMITTER FCC & IC NUMBERS	09-Nov-2018
DO	UPDATED FCC ID AND IC NUMBERS	23-Dec-2021

SAFETY AND REGULATORY LABEL

- SIZE: 1.00"X 3.00"
- FONT: ARIAL, 5 POINTS
- TEXT AND LAYOUT AS SHOWN BELOW



PART NUMBER, REVISION, SERIAL NUMBER, MAC ADDRESS, GW ID NUMBER AND IMEI NUMBER TO BE PRINTED BASED ON INDIVIDUAL PRODUCT

NOTE: IMEI AND THE TRANSMITTER MODULE STATEMENT ONLY APPLY TO PRODUCT WITH LTE MODEM OPTION. FOR OTHER PRODUCT, LEAVE BLANK

NOTES:






- DRAWING DIMENSIONS ARE FOR REFERENCE AND INSPECTION ONLY. THE ASSOCIATED 3D CAD FILE IS THE PRIMARY DIMENSION REFERENCE.
- ALL DIMENSIONS IN INCHES [MM]
- UNLESS OTHERWISE SPECIFIED TOLERANCES ARE:
 DIMENSIONS: X ±0.02
 X.X ±0.01
 X.XX ±0.005
 ANGLES: ±0.5°
- MATERIAL: ZEBRA TECHNOLOGIES, Z-XTREME 4000T WHITE, Z-ULTIMATE 3000T WHITE, OR APPROVED EQUIVALENT.
- PRINTER RIBBON: ZEBRA TECHNOLOGIES, 5095 HIGH-PERFORMANCE RESIN, OR APPROVED EQUIVALENT.
- PRINT TEXT, SYMBOL, AND 2D BARCODE WITH ZEBRA TECHNOLOGIES PRINTING SYSTEM, COLOR: BLACK.
- REMOVE ALL BURRS AND SHARP EDGES
- ALL MATERIALS, FINISHES AND MANUFACTURING PROCESSES SHALL BE COMPLIANT WITH EU DIRECTIVE 2011/65/EU (RoHS 2)
- THIS PRODUCT SHALL BE BUILT TO THE REQUIREMENTS LISTED IN TEKTELIC PRODUCT WORKMANSHIP STANDARD A0001043.








TEKTELIC
communications

TITLE:
LABEL, SAFETY & REGULATORY, KONA MICRO, NA






DWG NO. T0005290	REVISION DO	SIZE A3
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Kona Micro Gateway T0004855 Rev H1 YYWWMMWWWW 12V == 1A		TEKTELIC communications	   
MAC: HH:HH:HH:HH:HH:HH SN ID: sssssssssssssssss IMEI: sssssssssssssssss FCC ID: 2ALEPT0007871 IC: 22604-T0007871	This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.		
This device contains transmitter module FCC ID: N7NEM7485, IC: 2417C-EM7485 certification number.		Made in Canada	






SCALE 1:1 IN A SIZE SHEET

Kona Micro Gateway T0008204 Rev C1 YYWWMMWWWW 12V == 1A		TEKTELIC communications	   
MAC: HH:HH:HH:HH:HH:HH GW ID: sssssssssssssss IMEI: sssssssssssssss FCC ID: 2ALEPT0007871 IC: 22604-T0007871	This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.		
This device contains transmitter module FCC ID: N7NEM7485, IC: 2417C-EM7485 certification number.			Made in Canada

SCALE 1:1 IN A SIZE SHEET

Kona Micro Gateway T0006271 Rev E YYWWMMWW 12V = 1A		TEKTELIC communications	   
MAC: HH:HH:HH:HH:HH:HH GW ID: sssssssssssssss IMEI: sssssssssssssss FCC ID: 2ALEPT0007871 IC: 22604-T0007871	This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.		
This device contains transmitter module FCC ID: N7NEM7465, IC: 2417C-EM7465 certification number.		Made in Canada	

SCALE 1:1 IN A SIZE SHEET

<p>Kona Micro Gateway T0008342 Rev C YYWWMMSSSS 12V == 1A</p> 	<p>TEKTELIC communications</p>    
<p>MAC: HH:HH:HH:HH:HH:HH GW ID: SSSSSSSSSSSSSSSSS IMEI: SSSSSSSSSSSSSSSSS FCC ID: 2ALEPT0007871 IC: 22604-T0007871</p> <p>This device contains transmitter module FCC ID: N7NEM7485, IC: 2417C-EM7485 certification number.</p>	<p>This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.</p> <p>Made in Canada</p>

SCALE 1:1 IN A SIZE SHEET