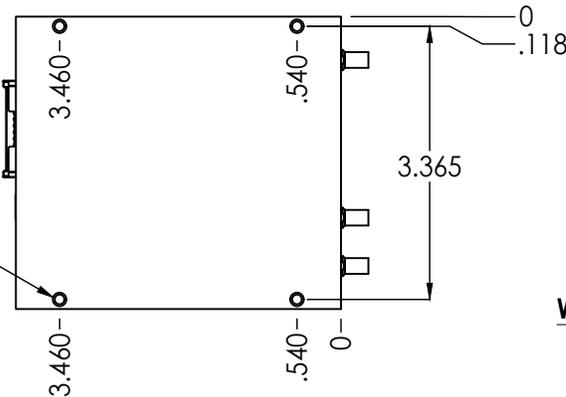


4X #4-40 X.200 DP
HELICOIL NEARSIDE
&FARSIDE

4X #4-40 X.200 DP
HELICOIL



WEIGHT: 21 Oz. [595 g]

CONNECTIONS			
CONN.	TYPE	PIN #	FUNCTION
J1	35363-1460	1	+10V TO +16VDC
J1	35363-1460	2	+10V TO +16VDC
J1	35363-1460	3	GROUND
J1	35363-1460	4	GROUND
J1	35363-1460	5	N/C
J1	35363-1460	6	REF LOCK
J1	35363-1460	7	TRIG
J1	35363-1460	8	RESET (*)
J1	35363-1460	9	CLOCK
J1	35363-1460	10	DATA IN
J1	35363-1460	11	SELECT (*)
J1	35363-1460	12	BUSY
J1	35363-1460	13	RF LOCK
J1	35363-1460	14	DATA OUT

CONNECTIONS			
CONN.	TYPE	PIN #	FUNCTION
J2	USB MINI-B	1	+V
J2	USB MINI-B	2	D-
J2	USB MINI-B	3	D+
J2	USB MINI-B	4	GND
J2	USB MINI-B	5	GND
J3	DC PWR JACK	1	+12V INPUT
J4	SMA-FEMALE	1	REF OUTPUT
J5	SMA-FEMALE	1	REF. INPUT
J6	SMA-FEMALE	1	RF OUTPUT

NOTES:

- J1 MALE: MOLEX# 0353630960
- J1 MATES WITH: MOLEX# 0355070900
- CRIMP PIN: MOLEX#0502128100
- J1 OR J3 POWER SUPPLY INPUTS ARE REQUIRED FOR USB AND SPI OPERATION.
- RECOMMENDED POWER SUPPLY WIRE SIZE = A.W.G. 22-24
- J3 CENTER PIN 1.3MM DIA; OUTER 3.7MM DIA.
- SMA ENGAGE/DISENGAGE TORQUE: 2 INCH-POUNDS MAX.
- SMA MATING TORQUE (ROTATIONAL): 8 INCH POUNDS MAX.
- SMA CONTACT RETENTION: 6 LBS. MIN. AXIAL FORCE ON MATING END. 4 IN-OZ MIN. RADIAL TORQUE.
- (*) ACTIVE LOW

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONS DECIMALS ANGLES
± .xx ±.02
± .xxx ±.010

MATERIAL **6061 AL. & SS**

FINISH NICKEL PLATE

DO NOT SCALE DRAWING

UNCONTROLLED DRAWING:
SUBJECT TO CHANGE WITHOUT
NOTICE

APPROVAL	DATE
DRAWN NVN	12/5/19
ENGR. DS	12/5/19
MFG.	
Q.A.	

MICRO LAMBDA WIRELESS, INC.

MLVS SYNTHESIZER

SIZE A	CAGE NO. ORN63	DWG. NO. 99-0101-001	REV E
SCALE: 1:2		SHEET 1 OF 1	