

4

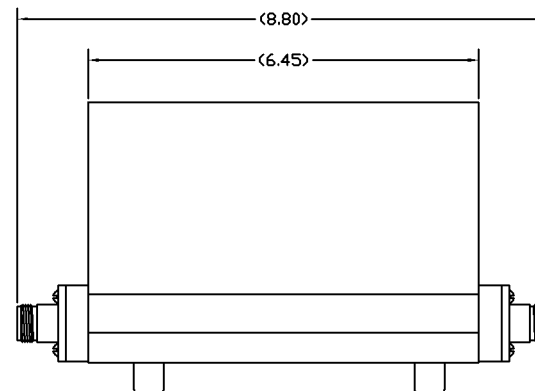
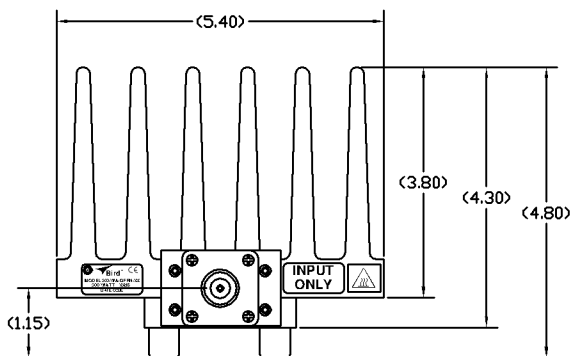
3

2

DWG. NO. 300-WA-QFFN-XX SHEET 1 REV A

1

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	UPDATE DRAWING FORMAT	9-29-14	



SPECIFICATIONS:

POWER RATING: 300 WATTS AVG. AT 25°C. (UNI-DIRECTIONAL)

DERATED LINEARLY TO 50 WATTS AT 125°C

IMPEDANCE: 50 OHMS NOMINAL

FREQUENCY RANGE: DC TO 2.4GHz

VSWR: DC TO 1GHz AT 1.10:1 MAX.

1GHz TO 2.4 GHz AT 1.25:1 MAX.

AMBIENT TEMPERATURE: -40°C TO +40°C

COOLING FIN: ALUMINUM, BLACK ANODIZED

CONNECTORS: "QC" N-TYPE FEMALE

OPERATING POSITION: AS SHOWN (STANDOFFS DOWN)

NOMINAL SIZE: APPROX. 8.80" L X 4.80" H X 5.40" W

WEIGHT: APPROX. 4.7 LBS

NOTE:

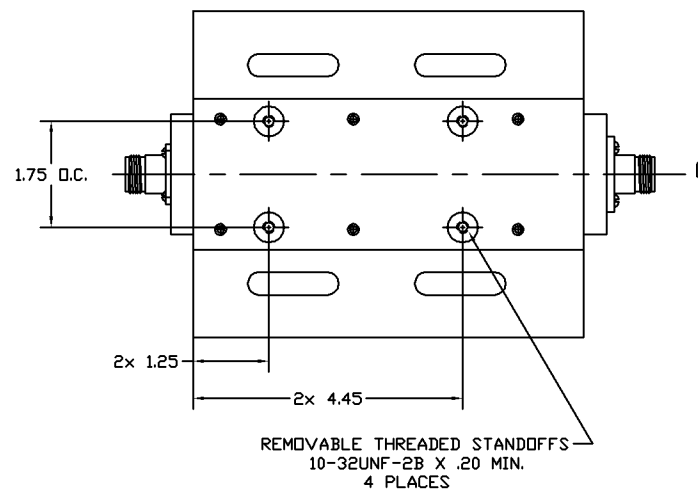
ELECTRICAL SPECIFICATIONS FOR QC-EQUIPPED PRODUCTS ARE QUOTED WITH THE STANDARD CONNECTORS NORMALLY SUPPLIED WITH THE EQUIPMENT (N-TYPE FEMALE).

XX = DASH NUMBER (dB VALUE)

DASH NO.	dB ATTN.	ATTENUATION ACCURACY	
		DC - 1GHz	1 - 2.4GHz
-03	3	± 0.3	± 0.5dB
-06	6	± 0.4	± 0.6dB
-10	10	± 0.4	± 0.8dB
-20	20	± 0.5	± 1.0dB
-30	30	± 0.8	± 1.3dB

NOTE:

FOR VALUES NOT LISTED, REFER TO THE NEXT HIGHER ATTENUATION LEVEL FOR SPECIFICATIONS. FOR ATTENUATION VALUES GREATER THAN THE HIGHEST LISTED ATTENUATION VALUE, REFER TO THE VALUE 1/2 THE DESIRED ATTENUATION LEVEL, THEN DOUBLE THE LISTED SPECIFICATION VALUES, UNLESS OTHERWISE SPECIFIED.



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
 TOLERANCES ARE:
 FRACTIONS ±1/64 DECIMALS .001 ±0.010
 ANGLES ±30' MILLIMETERS .001 ±0.12
 DO NOT SCALE DRAWING

THIS DRAWING IS THE PROPERTY OF THE BIRD TECHNOLOGIES GROUP OR BIRD ELECTRONIC CORP. ORIGIN, THE DESIGN AND SPECIFICATIONS DISCLOSED HEREON ARE PROPRIETARY AND SHALL NOT BE REPRODUCED, NOR COPIED, NOR USED AS THE BASIS FOR THE MANUFACTURE OR SALE OF APPARATUS OR DEVICES WITHOUT THEIR EXPRESS WRITTEN CONSENT.

APPROVALS		DATE
DRN	DMD	9-29-14
CHK		
APP		

MATERIAL	CODE	TITLE
		ATTENUATOR, CONVECTION COOLED, "QC" N-TYPE FEMALE/FEMALE, 300W

FRCH NO.	SCALE	DWG. NO.	REV
70998	1:1	300-WA-QFFN-XX	A

PROJ./LID AUTOCAD DRAWING CODE AT1 SHEET 1 OF 1