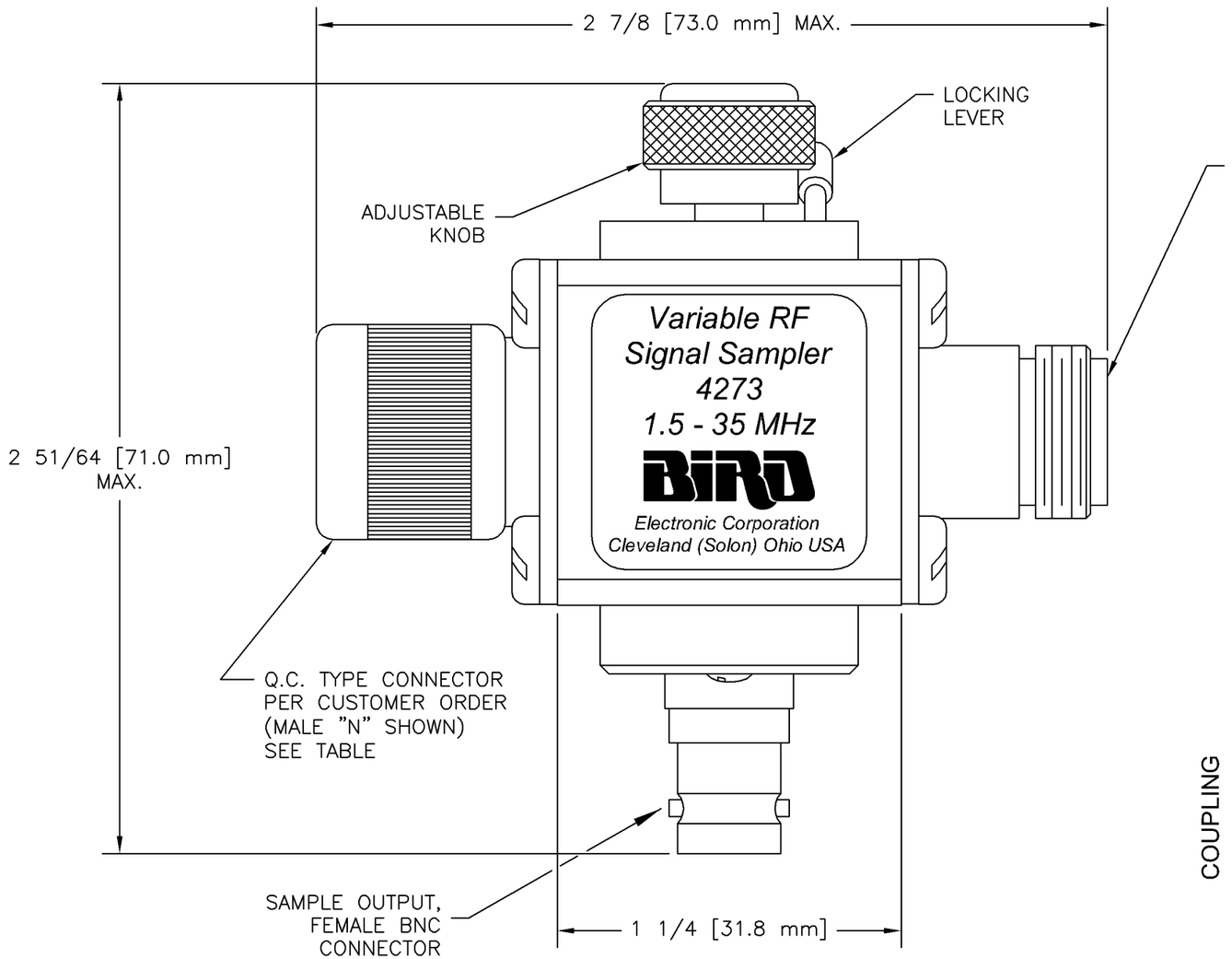
DWG. NO.	SHEET	REV
4273–000	1	F

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	REDRAWN IN AUTOCAD, NO CHANGES	5/21/10	J.E.
F	ADD COUPLING TOLERANCE TO SPEC., REMOVE ±3dB FROM COUPLING, UPDATE CHART. ECO:14487/HS	6/14/11	T.Holt

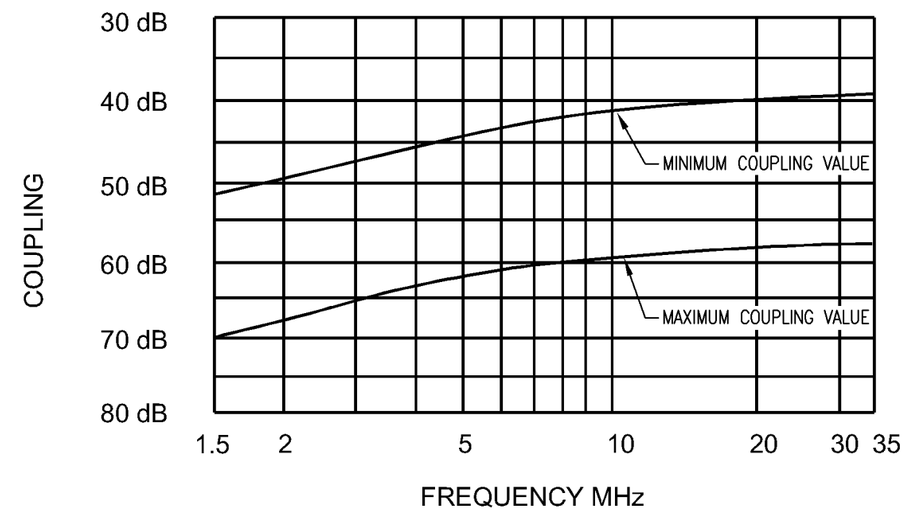


INCHES [MILLIMETERS]

SPECIFICATIONS

IMPEDANCE:..... 50 OHMS NOMINAL
FREQUENCT RANGE:..... 1.5 – 35 MHz
MAXIMUM POWER:..... 5000 WATTS
INSERTION VSWR
IN 50 OHM SYSTEM:..... 1.07 MAX.
INSERTION LOSS:..... 0.1 dB MAX.
COUPLING..... ADJUSTABLE AS SHOWN
COUPLING TOLERANCE... MAXIMUM COUPLING +10dB/–3dB
MINIMUM COUPLING –10dB/+3dB
CONNECTORS:..... BIRD Q.C. TYPE (PER CUSTOMER ORDER)
WEIGHT:..... 10 OZ. (.28Kg)*

*WITH N CONNECTORS



MODEL	CONNECTOR DESCRIPTION
4273–020	1 FEMALE "N", 1 MALE "N"
4273	BASIC UNIT WITHOUT CONNECTORS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
FRACTIONS ±1/64 DECIMALS .XX= ±.010 .XXX= ±.005
ANGLES ±30' MILLIMETERS .X= ±.4 .XX= ±.12
DO NOT SCALE DRAWING

THIS DRAWING IS THE PROPERTY OF THE BIRD TECHNOLOGIES GROUP OR BIRD ELECTRONIC CORPORATION. THE DESIGNS 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	H. STAMPER	5/21/10
CHK	J. ELKINS	6–7–10
APP	J. ELKINS	6–7–10

MATERIAL CODE
FINISH CODE BRIGHT SILVER PLATE

BIRD TECHNOLOGIES GROUP

TITLE OUTLINE, VARIABLE SAMPLER MODEL 4273

B	FSCM NO. 70998	SCALE 2/1	DWG. NO. 4273–000	REV F

PROJ./LIB AUTOCAD
SHEET 1 OF 1