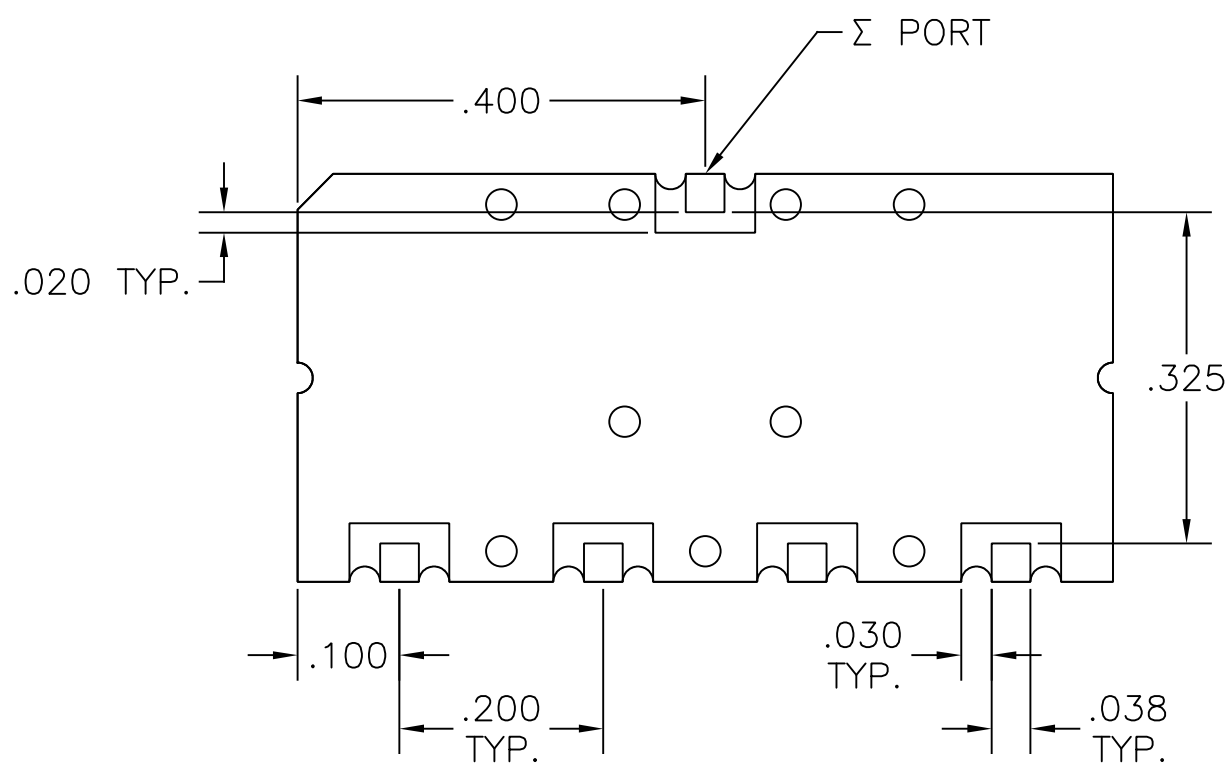
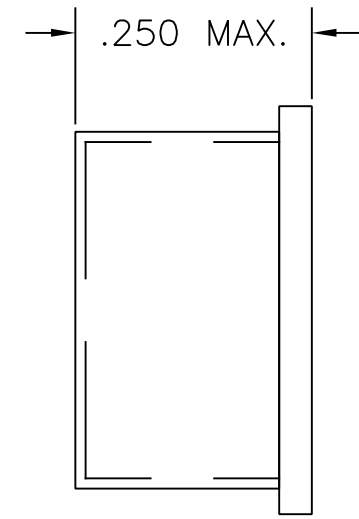
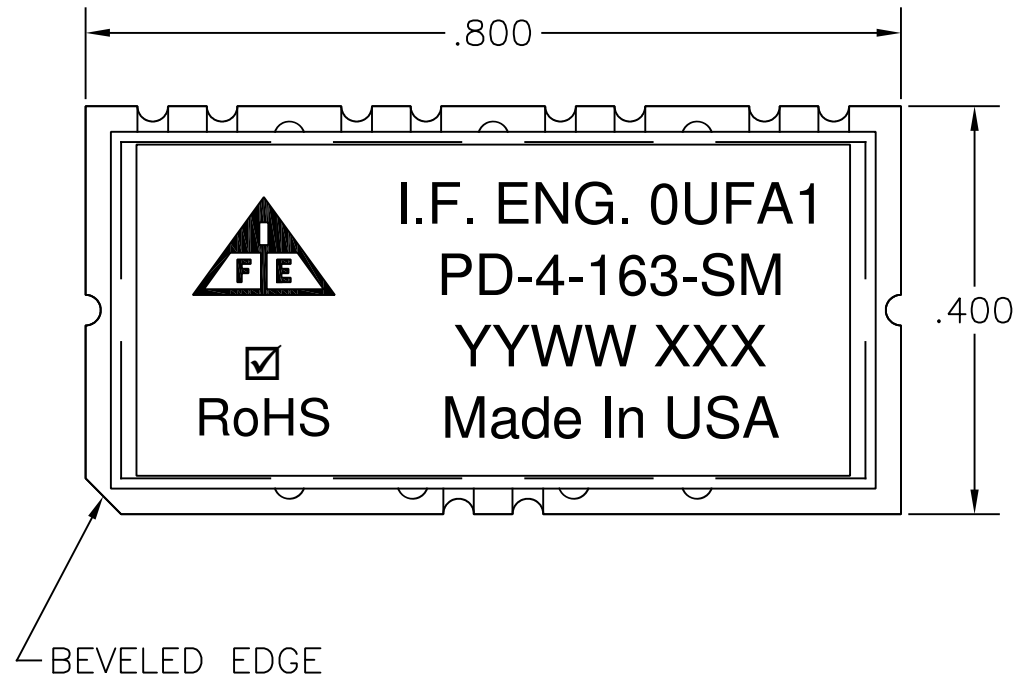


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REVISION			
LTR.	DESCRIPTION	DATE	APPVL.
-	ENG. RELEASED	5/5/09	MJD
A	ECO #1815001	4/26/18	MJD



ELECTRICAL SPECIFICATION FOUR-WAY POWER DIVIDER			
OPERATING TEMPERATURE RANGE (°C)	-5 to +65		
NON-OPERATING TEMPERATURE RANGE (°C)	-54 to +71		
	@-5°C	@+25°C	@+65°C
FREQUENCY RANGE (MHZ)	20-3000	20-3000	20-3000
ISOLATION (dB) MIN.	16	18	18
INSERTION LOSS (dB) MAX. *	2.25	2.25	2.55
AMPLITUDE BAL. (dB) MAX.	±0.3	±0.3	±0.3
PHASE BAL. (°) MAX.	±5.0	±5.0	±5.0
VSWR MAX.			
IN	1.5:1	1.5:1	1.5:1
OUT	1.5:1	1.5:1	1.5:1
IMPEDANCE (OHMS) NOM.	50	50	50

* NOTE: INSERTION LOSS DOES NOT INCLUDE THEORETICAL LOSS.

NOTE:
 SPECIFICATION SUBJECT TO CHANGE WITHOUT NOTICE.

**RoHS
 Compliant**

UNLESS OTHERWISE SPECIFIED DIMENSIONS MEASURED IN INCHES DRAWING PRACTICES PER ASME Y14.100	
TOLERANCES	ANGLES ±1/2°
.XX ±.01	.XXX ±.005

DRAWN	DATE
MJD	3/19/09
ENGRG APPD	DATE
AFB	5/5/09
MFG APPD	DATE
EDW	5/5/09
QA APPD	DATE
EJS	5/5/09
RELEASED	DATE
MJS	5/5/09

IFE ENGINEERING 3 FOSHAY ROAD, DUDLEY MA 01571			
TITLE OUTLINE DRAWING PD-4-163-SM			
SIZE	CODE IDENT NO.	DRAWING NO.	REV.
B	0UFA1	004-163-181	A
SCALE	N/A	SHEET	1 OF 1