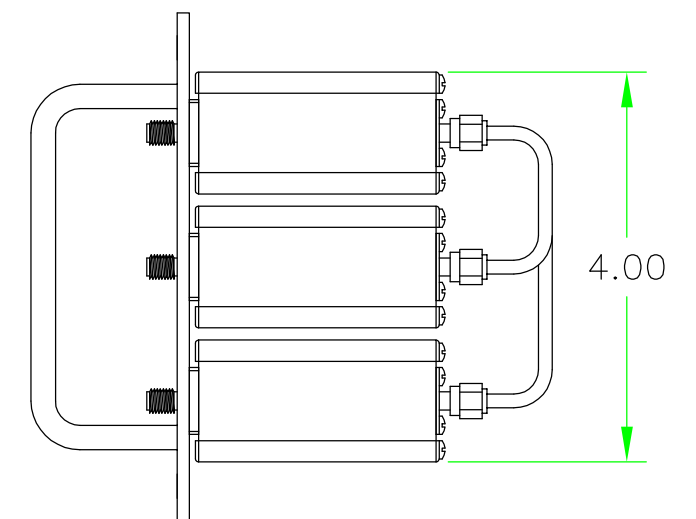
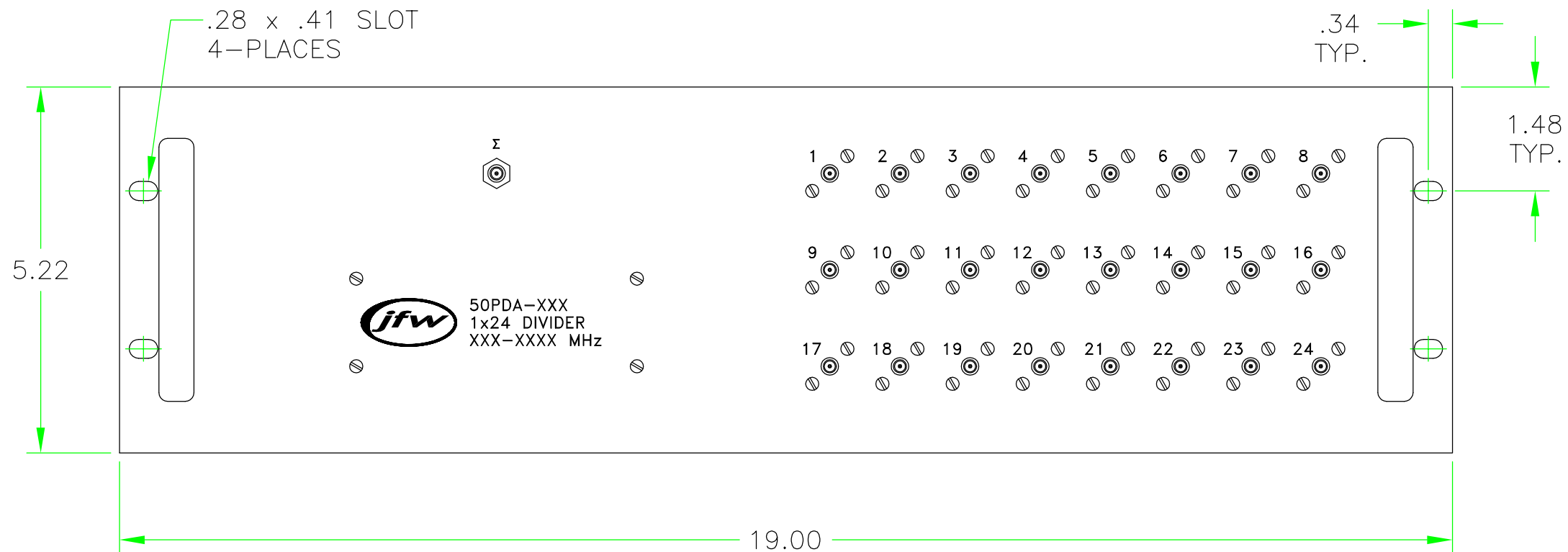
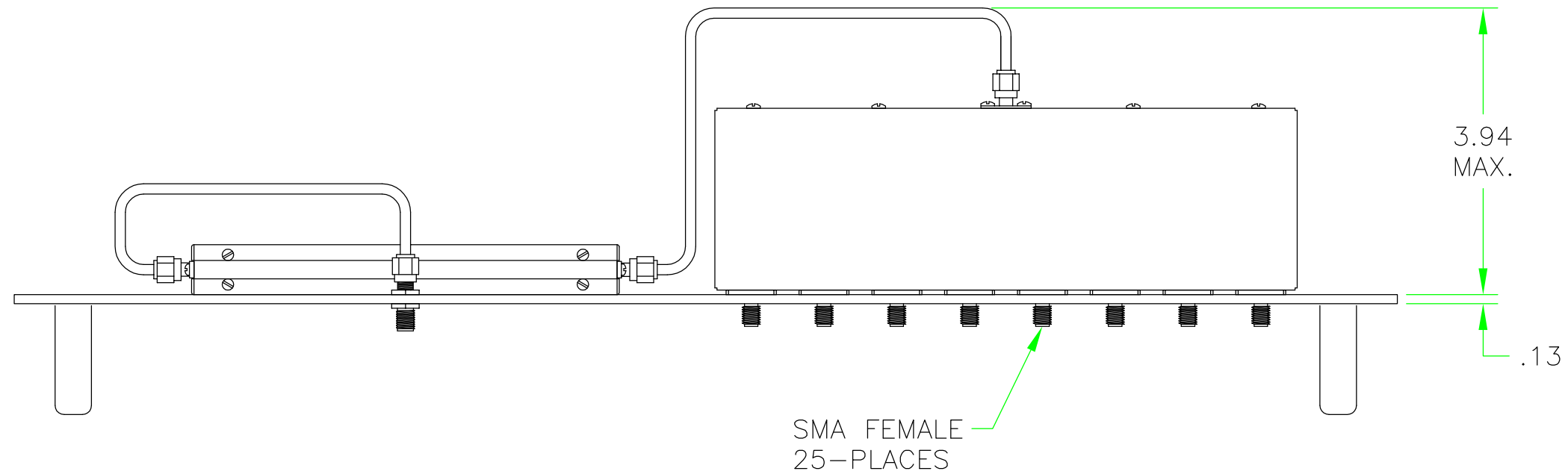


SPECIFICATION SHEET
JFW MODEL 50PDA-040
POWER DIVIDER ASSEMBLY

JFW Industries, Inc.
 Phone: 317-887-1340
 sales@jfwindustries.com
 www.jfwindustries.com

Frequency Range	800-3000 MHz
Configuration	24 way power divider/combiner assembly
Impedance	50 Ohms nominal
VSWR	1.7:1 maximum 1.5:1 typical
Insertion Loss (above 13.8 dB split)	2.9 dB maximum 0.7 dB typical @ 800 MHz 1.9 dB typical @ 3000 MHz
Isolation	20 dB minimum
Amplitude Tracking	± 0.9 dB typical
Phase Tracking	± 10° typical
RF Input Power	5 Watts average (divider) 0.3 Watts average (combiner ports)
RF Connector	SMA or N female
Operating Temperature Range	-40°C to +85°C
Physical Size	See outline drawing 092-6051 (SMA) 092-4358 (N)

ECR/ECN #	DATE	REV	APPR / DATE	ECR/ECN #	DATE	REV	APPR / DATE
	12/18/2003		SL 12/18/2003	20510	08/30/2011	C	TRS 08/30/2011
16719	01/15/2009	A	TRS 01/15/2009	31699	04/06/2022	D	TRS 04/06/2022
19214	10/08/2010	B	TRS 10/08/2010				



REV	ECN	DATE	BY	APPR
-	ISSUED	1-15-09	TEZ	TRS
A	20287	7-1-11	JZ	TEZ

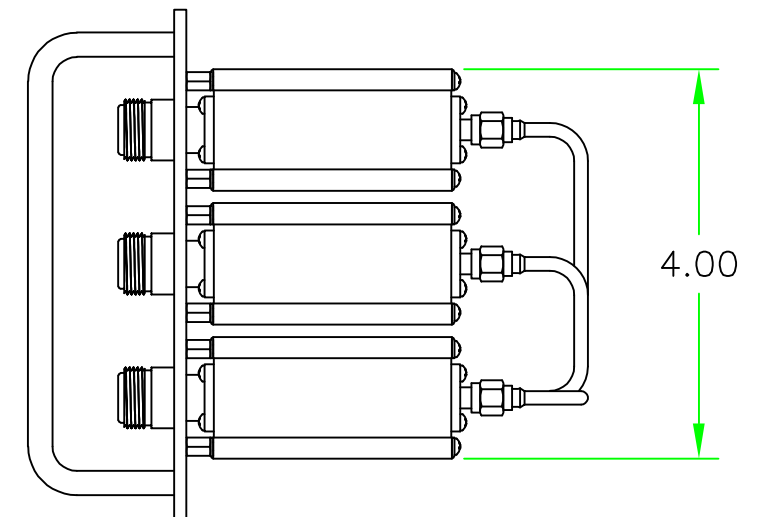
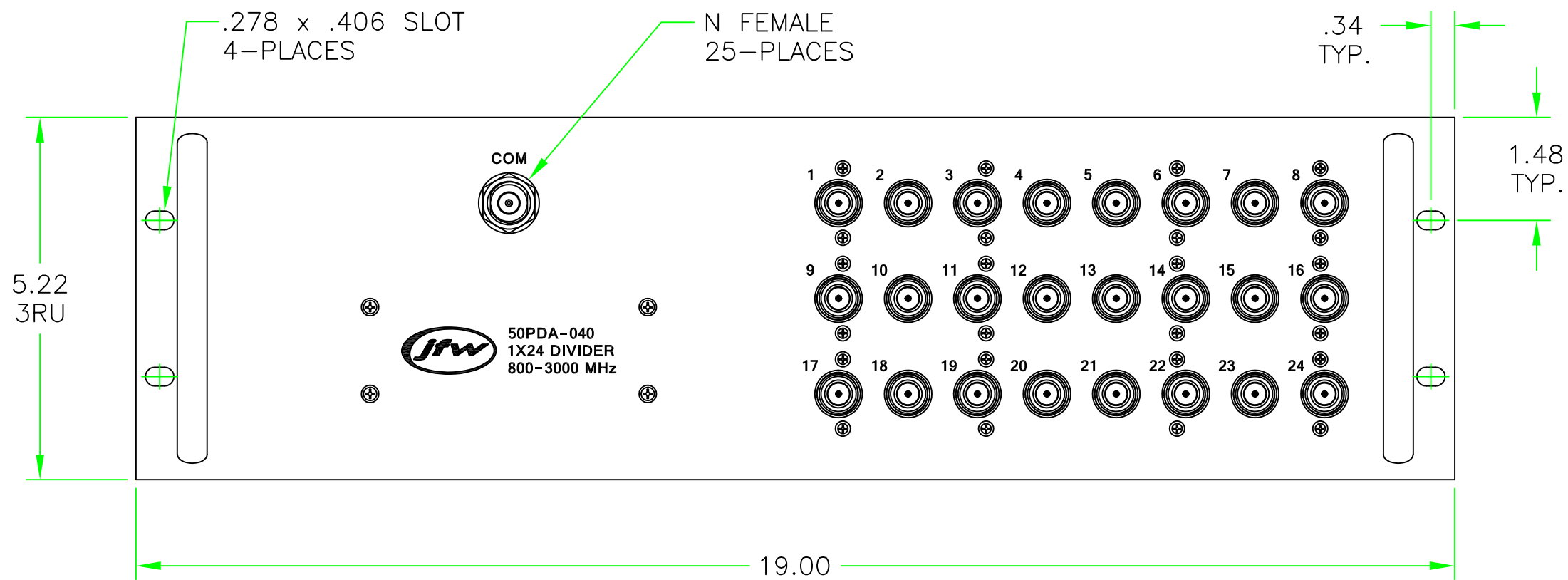
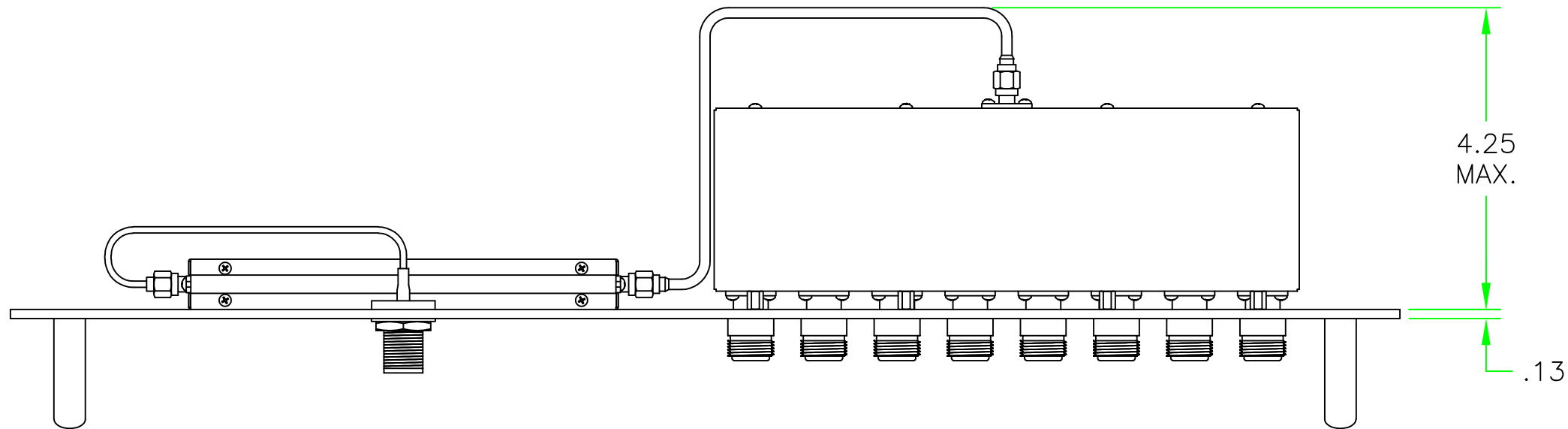


JFW INDUSTRIES, INC.

www.jfwindustries.com

PH: 317-887-1340

MATERIAL	PANEL: ALUMINUM ALLOY / POWER DIVIDERS: BRASS	PROPRIETARY INFORMATION
FINISH	PANEL: LIGHT GRAY PAINT / POWER DIVIDERS: NICKEL	ALL SURFACES ARE TO BE FREE OF BURRS, PITS, & SCRATCHES
MODEL	50PDA-XXX SMA	TOLERANCES .XX±.010 .XXX±.005 XX'±.5'
DESCRIPTION	24 WAY POWER DIVIDER ASSEMBLY	DWG # 092-6051



REV	ECN	DATE	BY	APPR			
-	ISSUED	12-12-03	BZ	TRS			
A	11980	10-11-05	TEZ	TRS			
B	12328	1-12-06	BZ	TRS			
C	19713	2-17-11	DTS	TRS			
D	25260	4-6-22	JZ	TRS			
E	31702	4-6-22	JZ	TRS			
					JFW INDUSTRIES, INC. www.jfwindustries.com PH: 317-887-1340		
					MATERIAL	PANEL: ALUMINUM ALLOY/POWER DIVIDERS: BRASS	PROPRIETARY INFORMATION
					FINISH	PANEL: BLACK PAINT /POWER DIVIDERS: NICKEL	ALL SURFACES ARE TO BE FREE OF BURRS, PITS, & SCRATCHES
					MODEL	50PDA-XXX	TOLERANCES .XX±.010 .XXX±.005 XX±.5'
					SCALE	1/2	
					DESCRIPTION	24WAY POWER DIVIDER ASSEMBLY	DWG # 092-4358