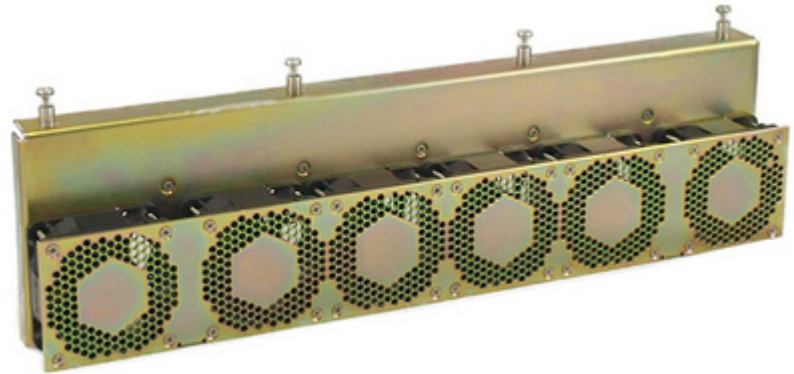


DS2301FT

AC-DC
Power Supply
Cooling Fan Tray

(Document Rev A05 09/17/15)



Fan Tray for use in DS2301 and DS2301NF

Market: Mil-COTS Naval Ship

Application: Replaceable fan tray for DS2301 series power supplies.

Features

- Attaches to AEGIS DS2301 and DS2301NF power supplies.
- Easy attachment and replacement.
- Designed to meet portions of Mil-Std-167-1* vibration standard.

* Designed to meet portions of this particular standard.
Contact AEGIS Power Systems for specific details.

Product Highlights

Designed for easy attachment to AEGIS Power System's DS2301NF Power Supply or for easy replacement on AEGIS Power System's DS2301 Power Supply. Faceplate fabricated of light weight aluminum.

[AEGIS Power Systems, Inc.](#) specializes in the front end design, development, and manufacture of Rapid Response Custom Switching Power Supplies for Mil-COTS, defense, industrial, telecomm, aircraft, shipboard, rack mount, and electric powered vehicle applications. Contact Aegis for specific details on what portions of a particular military standard is offered for this power converter power supply.

SPECIFICATIONS

(Typical at 25°C, nominal line and 100% load, unless otherwise specified.)

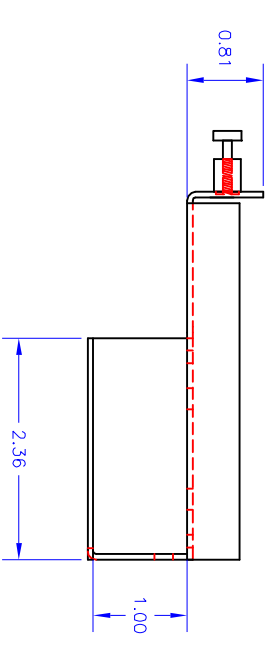
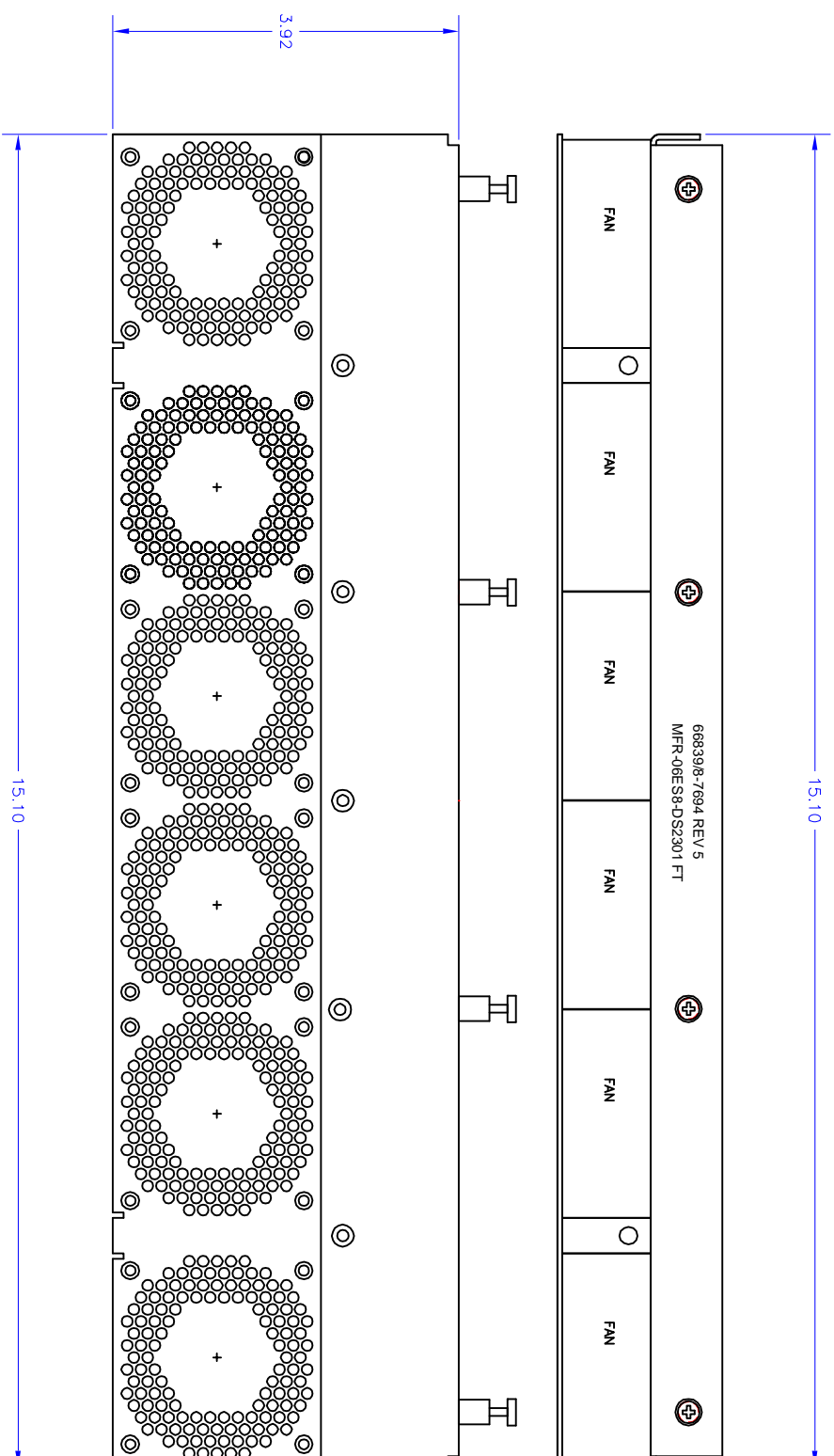
Voltage:	+28Vdc.
Current:	2.16A Max (51.85W).
Air Flow:	192CFM Nominal.
Temperature:	0°C to +60°C Operational. -40°C to +70°C Non-Operational.
Package:	Aluminum face plate attachable to power supply with finger screws.
Dimensions:	15" W x 4" H x 1.81" D. (Protrudes 0.56" from side of power supply.)
Weight:	1.7lbs max
Connector:	Pos Input (0.25 Female Faston) and Neg Input (0.25 Female Faston)
Vibration:	Designed to meet portions of MIL-STD-167-1.
Shock:	Designed to meet portions of Mil-S-901D; 30Gs, 80ms half-sine, three axis.
Humidity:	0 – 95% non-condensing.
L10 Expectancy:	70,000 hours min @ 24Vdc and temperature of 40°C

Specifications subject to change without notice.

NOTES: UNLESS OTHERWISE SPECIFIED
 1. INTERPRET DIMENSIONS AND TOLERANCES PER ANSI Y14.5M-1994.
 2. MATERIAL: MILD STEEL SHEET
 3. FINISH: YELLOW ZINC PLATING

CAD MAINTAINED. CHANGES SHALL BE INCORPORATED BY THE DESIGN ACTIVITY.

ZONE	REV	DESCRIPTION	DATE	APPROVED
A01	INITIAL RELEASE	09/02/03	M.Mason	
A02	MOUNTING BRACKET MOD.	11/03/03	M.Mason	
A03	FAN TRAY MOD.	1/25/04	M.Mason	
A04	ADDED SILKSCREEN	5/30/12	M.Mason	



UNLESS OTHERWISE SPECIFIED,
 DIMENSIONS ARE IN INCHES
 FRACTIONS DENOMINATORS DENOTES
 ± N/A .XX ± .02 ± .5
 .XXX ± .005

CONTRACT NO. APPROXIMATE DATE TITLE
 M. MASON 09/02/03 DS2301 FAN TRAY
 AEGIS PN: DS2301 FT
 MURPHY, NORTH CAROLINA

APPROVALS	DATE	TITLE	SIZE	FSUN NO.	DWG NO.	REV
DRAWN			D	06ES8	DS2301-M25	A04
CHECKED						
FRABOL ENG.						
MFG.						
QUALITY						

DO NOT SCALE DRAWING

APPLICATION	USED ON	NEXT ASSY

A B C D