

INCH-POUND

MIL-DTL-22438/1C
03 May 2012
SUPERSEDING
MIL-P-22438/1B
21 May 1980

DETAIL SPECIFICATION SHEET

PANEL, RECEPTACLE, ELECTRICAL AND ELECTRONIC (SYMBOL NO. 754.2)

INACTIVE FOR NEW DESIGN
AFTER 18 July 1997

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and [MIL-DTL-22438](#).

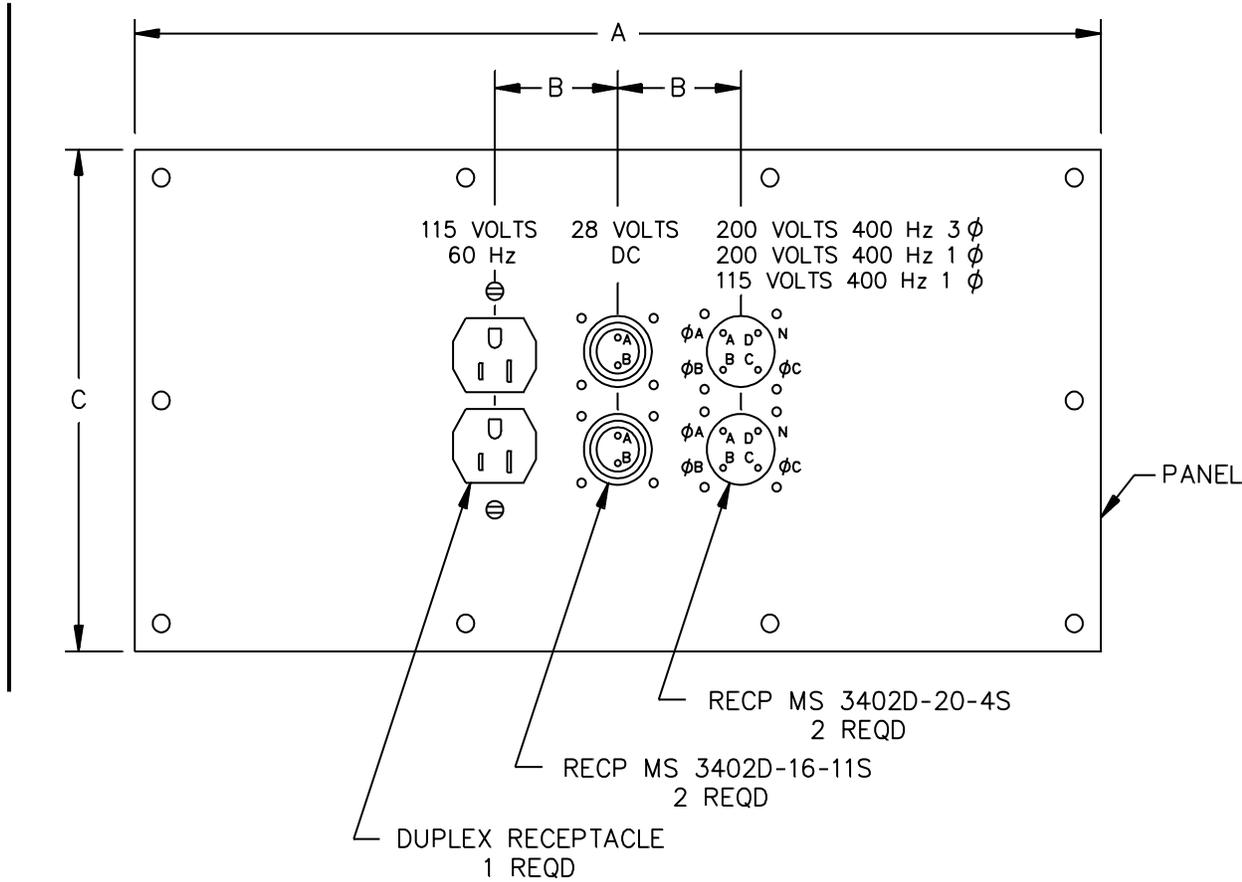
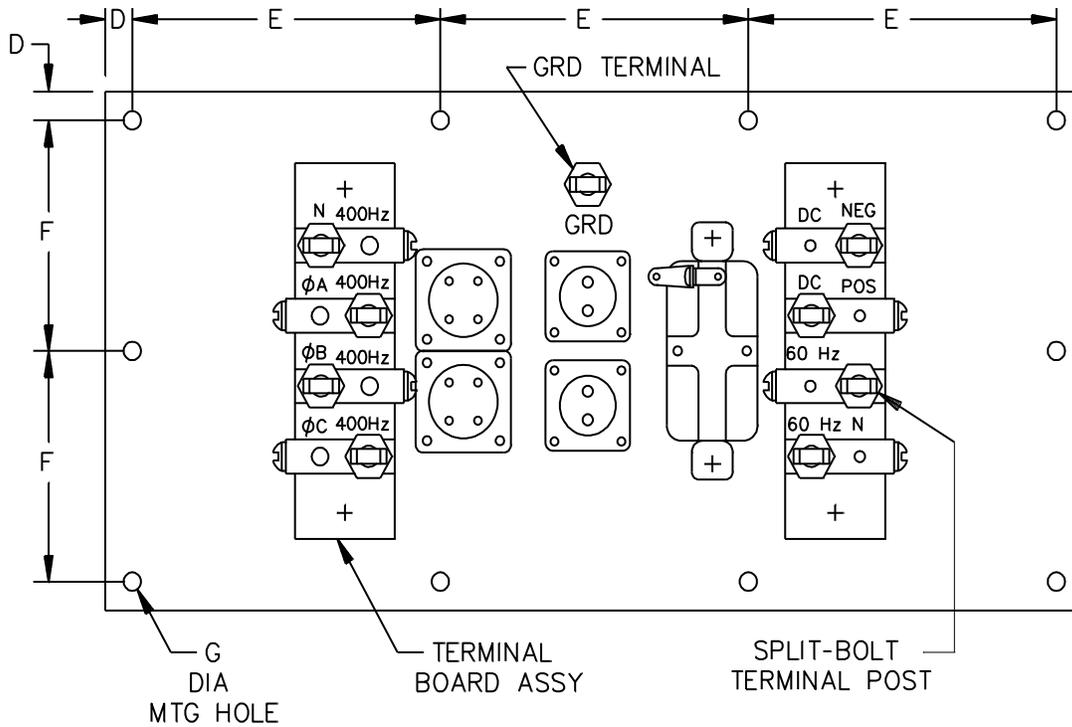


FIGURE 1. Panel receptacle, electrical and electronic.

MIL-DTL-22438/1C



Ltr	Inches		mm	
	Min	Max	Min	Max
A	15.859	15.891	402.819	403.631
B	1.980	2.016	50.292	51.206
C	7.859	7.891	199.619	200.431
D	.422	.454	10.719	11.532
E	4.984	5.016	126.594	127.406
F	3.484	3.516	88.494	89.306
G	.265	.297	6.731	7.544

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerances are plus or minus .016 inch (0.406 mm).

FIGURE 1. Panel receptacle, electrical and electronic - Continued.

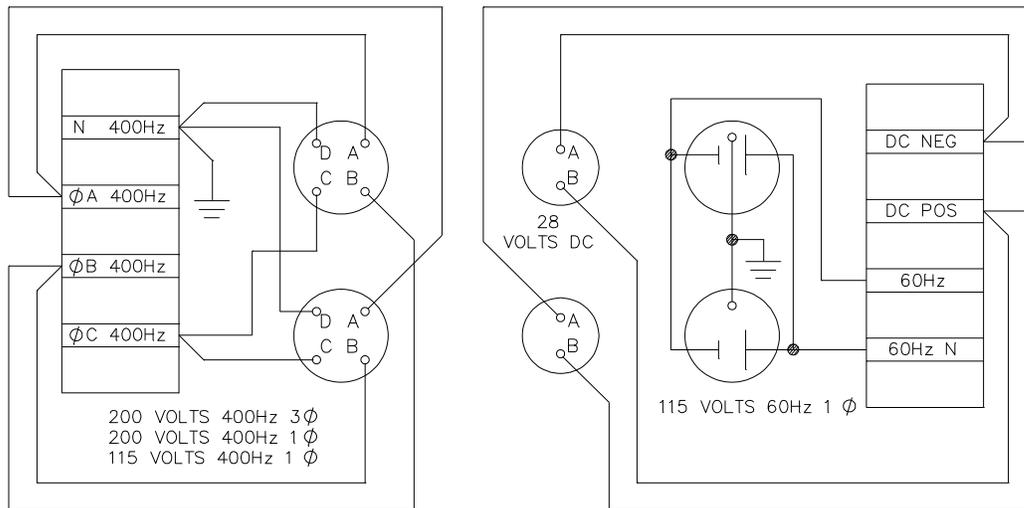


FIGURE 2. Wiring diagram.

REQUIREMENTS:

Interface and physical dimensions: See figures 1 and 2.

Panel material: Steel, 12 gage.

Mounting: Designed for mounting in an electrical and electronic test and maintenance table.

Electrical:

Bus connection terminal posts: All split-bolt type. DC circuit posts shall accept maximum wire size AWG-2. AC and ground circuit posts shall accept maximum wire size AWG-8.

Interior wiring: Type D-12 in accordance with [MIL-DTL-16878/3](#).

Part or Identifying Number (PIN): The PIN shall be M22438/1-001.

Referenced documents. In addition to [MIL-DTL-22438](#), this document references the following:

[MIL-DTL-16878/3](#)

The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

Custodians:

Navy - SH
DLA - CC

Preparing activity:

DLA - CC

(Project 6110-2012-003)

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.daps.dla.mil>.