



**DEFENSE LOGISTICS AGENCY**  
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IN REPLY  
REFER TO

DSCC-VAI (Mr. Jeffery Tunstall)( 614)692-0569

February 13, 2004

MEMORANDUM FOR MILITARY/INDUSTRY DISTRIBUTION

SUBJECT: Initial Drafts of MIL-DTL-83413/1B, MIL-DTL-83413/2A, MIL-DTL-83413/3A and MIL-DTL-83413/10A, (Connectors and assemblies, electrical, aircraft grounding), Detail Specifications, Project Numbers 5920-0823, 5920-0824, 5920-0825, 5935-0826.

These initial drafts of the subject documents, dated is now available for viewing and downloading from the DSCC-VA Web site:

<http://www.dsccl.dla.mil/Programs/MilSpec/initialdrafts.asp>

Major changes to these documents include:

- Add document #22510 in accordance with FED-STD-595.
- Some editorial corrections.
- General update.

If these documents is of interest to you, provide your comments or suggested changes by e-mail to [Jeffery.tunstall@dla.mil](mailto:Jeffery.tunstall@dla.mil) or by fax (614) 692-6939. You may also send comments or suggested changes on Compilation of Comments Form 155, shown at the end of the document posted on the web.

Comments or suggested changes that are not editorial in nature should include justification. Industrial activities should indicate whether they are commenting from the standpoint of a "user" or "manufacturer". Military review activities should forward their comments to their custodian in sufficient time to allow for consolidating the departmental reply. Military departments must identify their comments as either "Essential" or "Suggested." Essential comments, which must be accepted or withdrawn, should be supported by test data unless they obviously do not require test data.

Please return comments to this Center no later than 45 days from the date of this letter. Any further coordination concerning this document will be circulated only to firms and organizations that furnish comments or reply that they have an interest. Please report this

The point of contact for these documents is Mr. Jeffery Tunstall. The preferred method of contact is via e-mail: [Jeffery.tunstall@dla.mil](mailto:Jeffery.tunstall@dla.mil). Mr. Tunstall can also be reached at 614-692-0569/DSN 850-0569, or facsimile 614-692-6939, or by e-mail to: [Jeffery.Tunstall@dla.mil](mailto:Jeffery.Tunstall@dla.mil)

Sincerely,

/signed/

Richard L. Taylor  
Chief  
Interconnection Devices Team

MIL-DTLC-83413/2A  
19 November 1993  
SUPERSEDING  
MIL-C-83413/2  
23 March 1988

## MILITARY SPECIFICATION SHEET

### CONNECTORS AND ASSEMBLIES, ELECTRICAL, AIRCRAFT GROUNDING: TYPE II GROUNDING ASSEMBLY, DISCHARGER, ELECTROSTATIC

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 the issue of the following specification Listed in that issue of the Department of Defense index of specifications and standards (DOD0ISS) specified in the solicitation MIL-C-83413

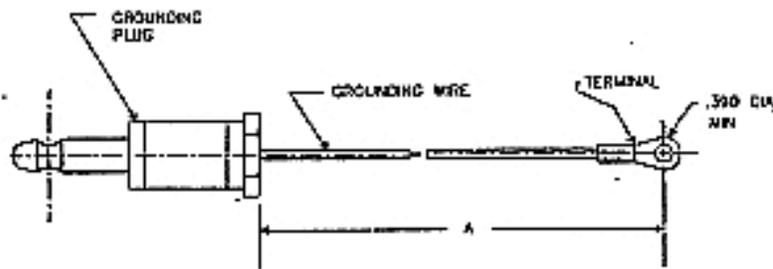


FIGURE 1. Type II grounding assembly.

MIL-C-83413/2A

REQUIREMENTS

Grounding plug: In accordance with MIL-C-83413/4

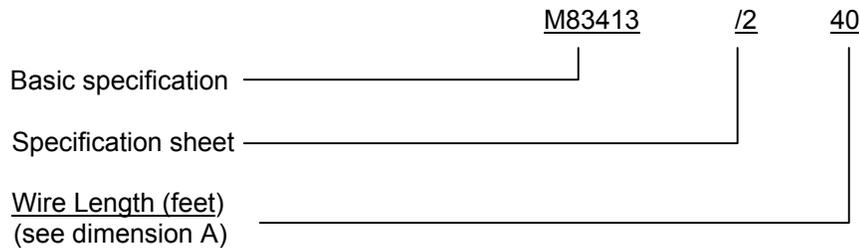
Grounding wire: 7 X 7 wire in accordance with MIL-W-83420, type II, composition B, jacket color international orange 22510 in accordance with FED-STD-595

Terminal: In accordance with MS20659 Terminal shall accommodate 375 stud.

Splices: Shall not be used

Assembly resistance: Resistance of the grounding assembly shall not exceed 5 +(6XA) milliohms.

Part or identifying Number (PIN)



Wire Length shall be 10, 20, or 60 feet ± 1 foot

QUALIFICATION

Qualification is not required for this specification sheet. First article inspection shall be a visual and mechanical inspection in accordance with 4. 7. 1 of MIL-DTL-83413

**Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to previous issue due to the extent of the changes.**

**Reference documents. In addition to MIL-DTL-83413, this document references the following:**

- MS20659**
- MIL-C-83413/4**
- MIL-W-83420**
- FED-STD-595**

CONCLUDING MATERIAL

Custodians  
 Army - AV  
 Navy - AS  
 Air Force - ~~1185~~

Preparing activity  
 Air Force - 85

Agent  
 DLA - ES

Review activities  
 Army - AR, CR, CR4, ~~ME~~, MI  
~~02~~)  
 Navy - MC  
 Air Force - ~~02~~, 13, 18, ~~82~~, ~~90~~, 99

(Project 5920-~~0825 0499~~)

**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 [www.dodssp.daps.mil](http://www.dodssp.daps.mil).