

Manufacturers' Identification of Aerospace
Electrical and Electronic Wiring
Devices and Accessories

RATIONALE

A new product symbol was added as required for the manufacturer to qualify to AS23190

1. SCOPE

This SAE Aerospace Information Report (AIR) covers the general requirements for and the listing of manufacturers identification that appear on electrical/electronic wiring devices and accessories as required by individual product specifications.

1.1 Purpose:

This document provides users of electrical/electronic wiring devices means of identifying the manufacturer by use of distinct marking of the device.

2. REFERENCES

The following list of specifications require compliance to AIR1351 and the requirements listed herein. This list may not be definitive. For any changes/modifications, the manufacturers have 120 days from date of issue of AIR1351 to comply.

2.1 SAE Publications

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), www.sae.org.

- AS7928 Terminal, Lug, Splices, Conductors, Crimp Style, Copper, General Specification For
- AS23190 Straps, Clamps, and Mounting Hardware, Plastic and Metal for Cable Harness Tying and Support
- AS39029 Contacts, Electrical Connector, General Specification For
- AS81714 Terminal Junction System (TJS) Environmental Resistant, General Specification For

2.2 U.S. Government Publications

Available from the Document Automation and Production Service (DAPS), Building 4/D, 700 Robbins Avenue, Philadelphia, PA 19111-5094, Tel: 215-697-6257, <http://assist.daps.dla.mil/quicksearch/>.

- MIL-PRF-29504 Termini, Fiber Optic Connector, Removable, General Specification For

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Email: CustomerService@sae.org

SAE WEB ADDRESS: <http://www.sae.org>

3. REQUIREMENTS

3.1 Usage

To be considered for listing, the manufacturer will provide evidence that the identification is currently being used to identify a product approved to a military specification or industry standard.

3.2 Location

Manufacturers identification will be located as specified in the applicable product specification. If location is not specified, the identification will be marked in an area visible without disassembly of the device.

3.3 Method

Marking method of the device is at the manufacturers option unless specified herein, AIR1351, or in the product specification. Standard methods such as metal impression, etching, lazer, molded-in and ink markings are acceptable. Exception, ink markings of fiber optic termini are not approved. Those, or other methods, shall meet the permanency requirements of the applicable specification.

3.4 Legibility

Manufacturers identification will be legible under 4X maximum magnification.

4. LISTING

4.1 Application

An application for listing, changing or deleting manufacturers identification is provided as Figure 2. Identification markings will be of suitable size and clarity for reproduction into this document.

4.2 Manufacturers Identification

The following pages list the manufacturers identifications requested and accepted as meeting the requirements for inclusion in this document. Specific design is at the discretion of the applicant and is not part of the acceptance criteria for this document.

Information for those manufacturers listed herein, the Defense Data agency, when furnished with the CAGE information, can provide addresses, phone and FAX information.

Defense Solutions Group Inc.
Attn.: Defense Data
5597 Oak Street
Fort Worth, TX 76140
Phone: 1-800-382-7571 (Toll Free)
1-817-563-5661 (Local)
FAX: 1-817-563-5662
www.defensedata.com
support@defensedata.com - technical support

4.3 Recertification

Listed manufacturers are required to respond to a recertification request at three year intervals beginning in 1996. Failure to respond may result in removal from this document.

5. MANUFACTURER'S SYMBOLS

See Figure 1. Symbols are not drawn to scale.

6. NOTES:

- 6.1 Listing of manufacturer's identification letters, symbols and marks herein is not to be construed as approval by SAE or its members. SAE does not approve or disapprove such markings. Some of the markings by different manufacturers as shown herein are, in fact, considered to be too similar and/or complex for reduction. Manufacturers, when choosing markings are encouraged to utilize identification that is significant, distinctive, permanent, and easily identifiable. This document is intended to list only permanent markings used on actual components.
- 6.2 The change bar (|) located in the left margin is for the convenience of the user in locating areas where technical revisions, not editorial changes, have been made to the previous issue of this document. An (R) symbol to the left of the document title indicates a complete revision of the document.

SAENORM.COM : Click to view the full PDF of air1351

03RL1



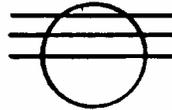
Manufacturer: Advanced Cable Ties, Inc.

00779



Manufacturer: AMP Incorporated

59976



Manufacturer: The Aero-Electric Connector Company Inc.

26863



Manufacturer: All-States Inc.

77820



Manufacturer: Amphenol Products Bendix Connector Operations

FIGURE 1 - MANUFACTURER'S SYMBOLS AND CAGE NO.

58164



Manufacturer: Astro Tool Corp.

1WBB1

BS

Manufacturer: Bay State Cable Ties, LLC

78011

Buchanan³



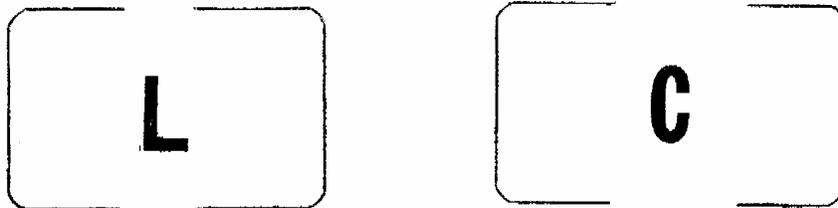
Manufacturer: Buchanan Electrical Products Corporation

09922



Manufacturer: Framatome Connectors USA Inc., Burndy Electrical

Note: See listing of Thomas & Betts Corporation



Manufacturer: Catamount Manufacturing Inc.

FIGURE 1 - MANUFACTURER'S SYMBOLS AND CAGE NO. (CONTINUED)

13566



Manufacturer: Cinch Military and Aerospace Division

60461



Manufacturer: Contact Service Tools Inc.

67720



Manufacturer: Cristek Interconnects, Inc.

11851



Manufacturer: Daniels Manufacturing Corporation

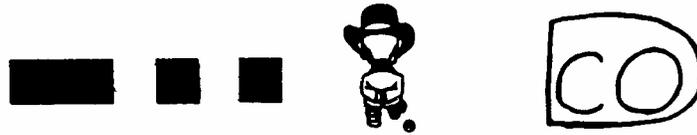
16956



Manufacturer: Dennison Mfg. Co. Fastener Div.

FIGURE 1 - MANUFACTURER'S SYMBOLS AND CAGE NO. (CONTINUED)

11139



Manufacturer: The Deutsch Company Engineered Connecting Devices

91662



Manufacturer: Elco Corp.

31461



Manufacturer: Electro Adapter, Inc.

24805



Manufacturer: ESC, Inc.

98410



Manufacturer: ETC (Molex) Inc.

FIGURE 1 - MANUFACTURER'S SYMBOLS AND CAGE NO. (CONTINUED)

06324



Manufacturer: Glenair, Inc.

64600

G & H TECH

GH

Manufacturer: G & H Technology, Inc.

K0720

TCA

Manufacturer: Hellermann Insuloid
USA Listing: Tyton Corp. of America

53669



Manufacturer: Hughes Connecting Devices Division

FIGURE 1- MANUFACTURER'S SYMBOLS AND CAGE NO. (CONTINUED)

71468
08718
17549
66699
OKFH4



Manufacturer: IT-Cannon - A Division of ITT Industries, Inc.

OBW78



Manufacturer: J-TECH

53387



Manufacturer: Matrix Science Corporation

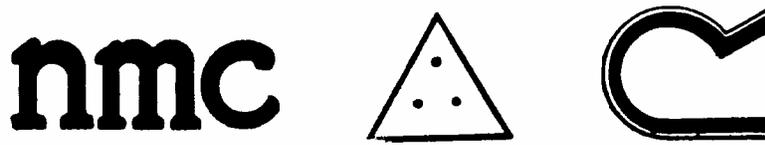
75037



Manufacturer: Minnesota Mining & Manufacturing Company
Electronic Products Division

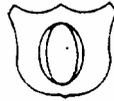
FIGURE 1 - MANUFACTURER'S SYMBOLS AND CAGE NO. (CONTINUED)

03296



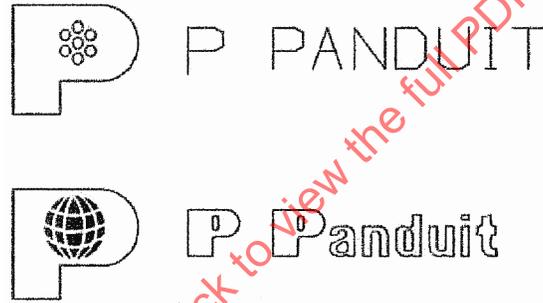
Manufacturer: Nylon Molding Corp.

81872



Manufacturer: Olympic Plastics Co. Inc.

06383



Manufacturer: Panduit Corporation

OAEZ1



Manufacturer: Phoenix Interconnect, Inc.

28198



Manufacturer: Positronic Industries, Inc.

FIGURE 1 - MANUFACTURER'S SYMBOLS AND CAGE NO. (CONTINUED)

58982



Manufacturer: Precision Connector Designs, Inc.

OBA72



Manufacturer: Precision Technology and Manufacturing, Inc.

49367



Manufacturer: Pyle National Company

06090



Manufacturer: Raychem Corporation

06915



Manufacturer: Richco Plastic Co.

FIGURE 1 - MANUFACTURER'S SYMBOLS AND CAGE NO. (CONTINUED)

1HVU5



Manufacturer: Robert Rubino

F 0323



Manufacturer: Souriau et Cie
USA Listing: Burndy Corp.

07418



Manufacturer: Sunbank Electronics Inc.

Note: See listing of TransTechnology Electronics



Manufacturer: T. J. Electronics
Division/Trans Technology Electronics

FIGURE 1 - MANUFACTURER'S SYMBOLS AND CAGE NO. (CONTINUED)