

INCH-POUND

MIL-DTL-28731/37A  
15 March 2004  
SUPERSEDING  
MIL-C-28731/37  
21 February 1985

DETAIL SPECIFICATION SHEET

CONNECTOR, ELECTRICAL, RECTANGULAR SHIELD, FOR FEMALE RECTANGULAR  
165 REMOVABLE TYPE CONTACTS

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-28731.

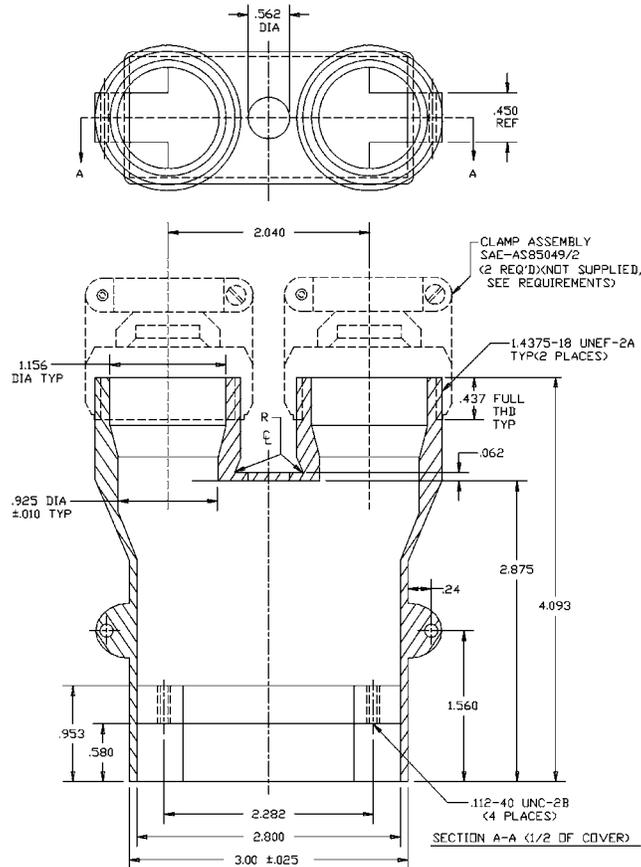
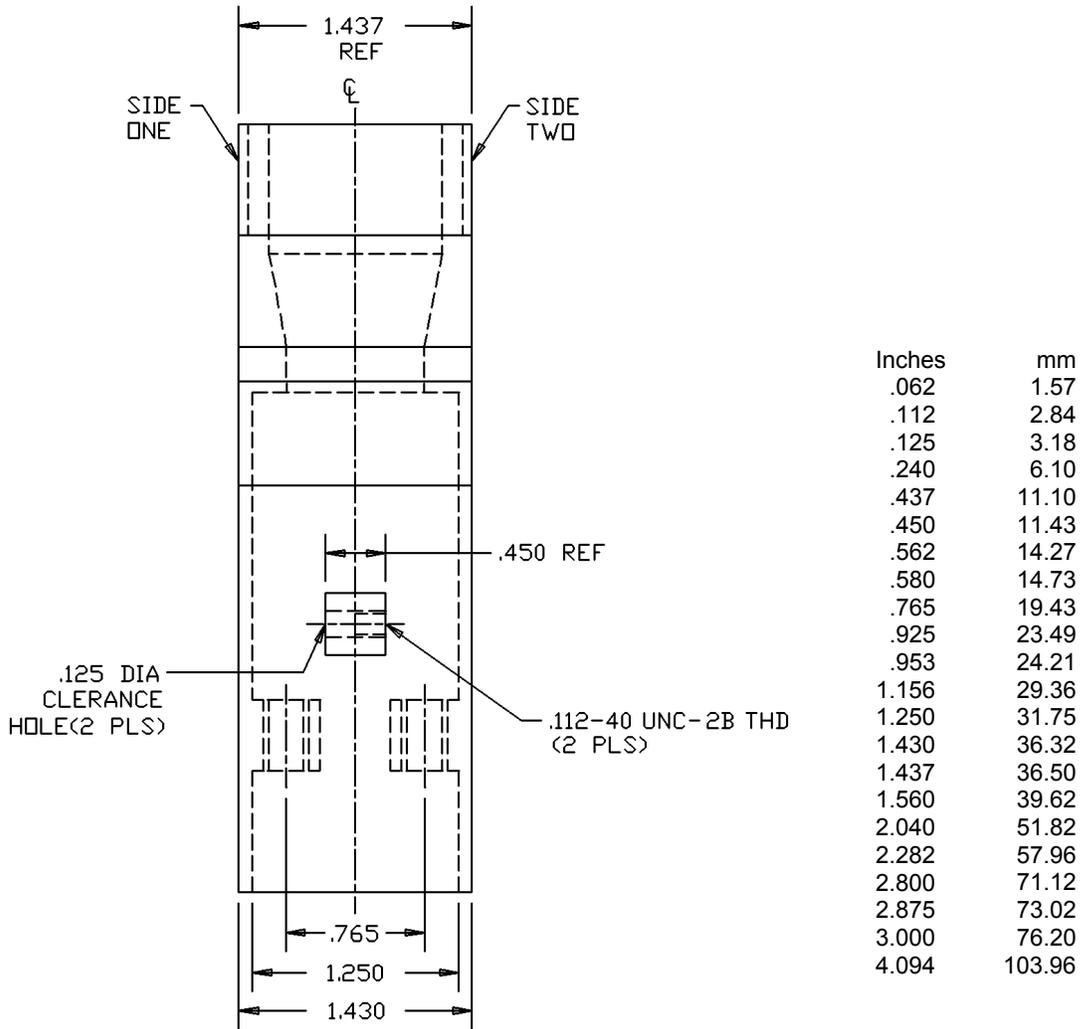


FIGURE 1. Shield rectangular design configuration.



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only.
3. Unless otherwise specified, tolerance is  $\pm .005$  (0.37 mm).
4. Cover sides 1 and 2 are manufactured as a unit. To maintain proper alignment, cover sections should not be interchanged with other cover sections.
5. Covers are shipped with sides 1 and 2 assembled to prevent mixing.
6. Application: The shield assembly can be used only with connector assembly M28731/34-0007.
7. Hardware: The shield assemblies are supplied with four #4-40UNC 2A-.500 inch screws for mounting shield to insulator.

FIGURE 1. Shield rectangular design configuration – Continued.

REQUIREMENTS

Dimensions and configurations: See figure 1.

Packaging: Complete unit to be packaged in accordance with method 10 of MIL-STD-2073-1.

Cable clamp assemblies: Shield is supplied assembled as shown on figure 1; however, two cable clamp assemblies, Part or Identifying Number (PIN) SAE AS85049/2-16C must be acquired separately and shall conform to SAE AS58049/2.

PIN: M28731/37-0001.

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

Referenced documents. In addition to MIL-DTL-28731, this document references the following:

MIL-STD-2073-1  
SAE AS85049/2

CONCLUDING MATERIAL

Custodians:  
Army - CR  
Navy - EC  
Air Force - 11  
DLA - CC

Preparing activity:  
DLA - CC

(Project 5935-4508-007)

Review activities:  
Army - AR, AT, AV, CR4  
Navy - MC, OS  
Air Force - 99

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