

INCH-POUND

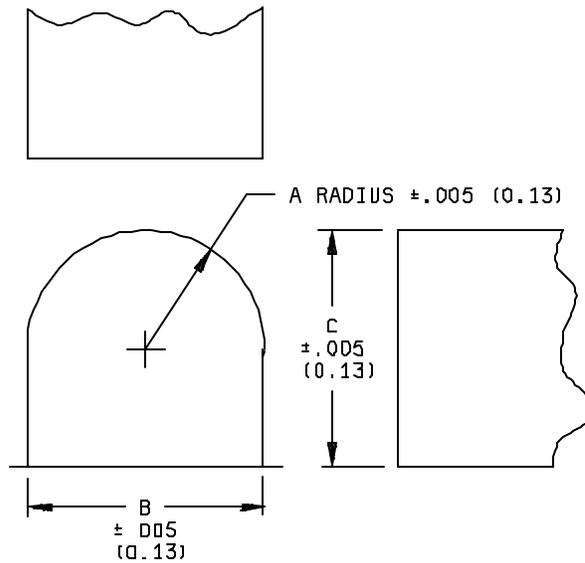
MIL-DTL-83528/3D  
15 November 2001  
SUPERSEDING  
MIL-G-83528/3C  
10 July 1992

DETAIL SPECIFICATION SHEET

GASKETING MATERIAL, CONDUCTIVE, SHIELDING GASKET, ELECTRONIC,  
ELASTOMER, EMI/RFI, SOLID "D" SHAPED STRIP

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

The requirements for acquiring the relay described herein shall  
consist of this specification and the latest issue of MIL-DTL-83528.



NOTES:

1. Dimensions are in inches; metric equivalents are given in parenthesis and are for general information only.
2. Tolerance on flash shall be  $\pm .008$  (0.20 mm) on the extension and  $\pm .005$  (0.13 mm) on the thickness.
3. Length shall be as specified on the purchase order.

FIGURE 1. EMI/RFI "D" shape strip gasket.

MIL-DTL-83528/3D

REQUIREMENTS:

Design and interface: See figure 1 and table I.

Material: Type A, B, C, D, E, F, H, J, K, L, or M.

Part or Identifying Number (PIN): See table I.

Supersession information: See table II.

TABLE I. Dimensions.

PIN <u>1/</u> M83528/003X	Dimension A ± .005 <u>2/</u>	Dimension B ± .005 <u>2/ 3/</u>	Dimension C ± .005 <u>2/ 3/</u>	Cross section <u>4/</u> area (cm <sup>2</sup> )
001	.031 (0.78)	.062 (1.57)	.068 (1.73)	.025
002	.047 (1.19)	.094 (2.39)	.078 (1.98)	.041
003	.039 (0.99)	.078 (1.98)	.089 (2.26)	.041
004	.047 (1.19)	.094 (2.39)	.094 (2.39)	.050
005	.031 (0.78)	.062 (1.57)	.100 (2.54)	.037
006	.075 (1.91)	.150 (3.81)	.110 (2.79)	.091
007	.061 (1.55)	.122 (3.10)	.135 (3.43)	.097
008	.059 (1.49)	.118 (3.00)	.156 (3.96)	.109
009	.078 (1.98)	.156 (3.96)	.156 (3.96)	.140
010	.089 (2.26)	.178 (4.52)	.175 (4.45)	.179
011	.094 (2.39)	.188 (4.78)	.188 (4.78)	.203
012	.125 (3.18)	.250 (6.35)	.250 (6.35)	.360

1/ "X" in the PIN shall be replaced by the applicable material type. Complete PIN example:  
M38528/003A001.

2/ Dimensions are in inches; metric equivalents are given in parenthesis and are for general information only.

3/ For dimensions over .200 the tolerance shall be ± .008.

4/ For calculation of volume resistivity (for reference only).

TABLE II. Supersession information.

PIN <u>1/</u> M83528/003X	Superseded DESC drawing PIN 85104X <u>1/</u>
001	002
002	003
003	004
004	010
005	005
006	006
007 <u>2/</u>	007
008	008
009	N/A
010	009
011	012
012	013

1/ "X" in the PIN indicates the applicable material type.

2/ Dimensions of this part are not identical to the superseded part. However, this is an authorized substitution.

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Custodian:

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

Preparing activity:

DLA - CC

(Project 5999-0375-03)

Review activities:

Air Force – 19, 99  
NSA – NS