

INCH-POUND

A-A-55160
29 January 1993

COMMERCIAL ITEM DESCRIPTION

TRANSFORMER, PRINTED CIRCUIT POWER, 6 PIN TOP LUG TYPE

The General Services Administration has authorized the use of this commercial item description.

Abstract. This commercial item description (CID) covers the general requirements for printed circuit power transformers. These transformers are used in miniaturized solid state circuitry. Transformers covered by this CID are intended for commercial/industrial applications and should not be used in military systems needing stringent environmental and electrical requirements.

Part or Identifying Number (PIN). The PIN for the CID shall be as follows:

A-A-55160-(dash no. from table I).

Salient characteristics:

Design and construction: See figure 1.

Input voltage: 115/230 V primary, 50/60 Hz.

Electrical characteristics: See table I.

Weight: See table II.

Size: See table II.

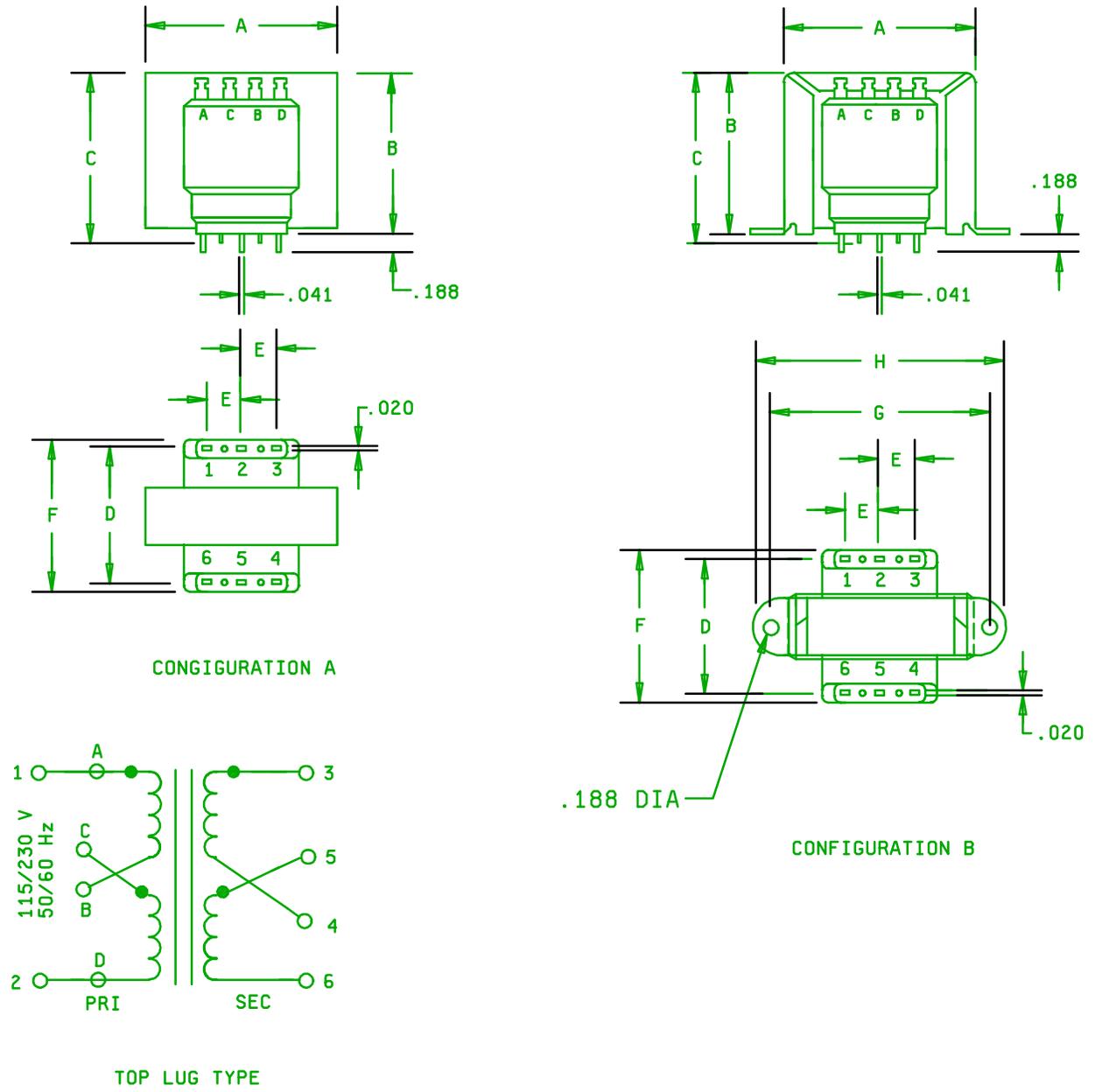
Certification. The contractor shall certify, and maintain objective quality evidence, that the product offered meets this CID, and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices. The Government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

Certificate of compliance. A certificate of compliance shall accompany all transformers supplied to this CID.

Marking. Transformers supplied to this CID shall be marked with the manufacturers standard commercial PIN.

QUALITY ASSURANCE PROVISIONS.

Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspections, examinations, and test requirements specified herein. Except as otherwise specified in the contract or purchase order, the contractor may use his own or any other facilities suitable for the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections, examinations, or tests set forth in this CID where such inspections, examinations, and tests are deemed necessary to assure supplies and services conform to prescribed requirements.



NOTE: Dimensions are in inches.

FIGURE 1. Configurations.

TABLE I. Electrical characteristics.

Dash number	Config-uration	Secondary			
		Parallel connected		Series connected	
		AC volts	Rms amperes	AC volts	Rms amperes
Top lug type					
001	A	6.3 CT	.250	(Single secondary)	(Single secondary)
002	A	12.6	.120	25.2 CT	.060
003	A	40.0	.040	80.0 CT	.020
004	A	58.0	.026	116.0 CT	.013
005	B	6.3	.700	12.6 CT	.350
006	B	28.0	.156	56.0 CT	.078
007	B	40.0	.110	80.0 CT	.055
008	B	58.0	.066	116.0 CT	.033
009	B	115.0	.022	12.6 V	.150
010	B	6.3	1.200	12.6 CT	.600
011	B	12.6	.600	25.2 CT	.300
012	B	20.0	.370	40.0 CT	.185
013	B	28.0	.270	56.0 CT	.135
014	B	40.0	.180	80.0 CT	.090
015	B	58.0	.130	116.0 CT	.065
016	B	115.0	.025	12.6 V	.250

TABLE II. Dimensions. 1/

Dash no.	VA	A	B	C	D	E	F	G	H	Wt. oz
-001 through -004	1.5	1.391	1.172	1.203	1.00	.312	1.156	---	---	3.2
-005 through -009	4.5	1.703	1.391	1.438	1.10	.400	1.250	2.000	2.375	6.5
-010 through -016	7.5	1.953	1.641	1.688	1.30	.400	1.469	2.375	2.813	9.5

1/ The tolerance for all dimensions shall be ± 0.015 .

Notes. This section contains relevant information which is useful to buyers, users, and suppliers in the process of procuring the item.

Ordering data. The contract or purchase order shall specify the following:

CID number and revision.

Quality assurance provisions.

Packaging requirements.

Suggested sources of supply. Suggested sources of supply are listed herein, additional sources will be added as they become available.

CID PIN A-A-55160-	Vendor similar PIN
001	PC2506
002	PC2512
003	PC2524
004	PC2528
005	PC2608
006	PC2616
007	PC2624
008	PC2628
009	PC2632
010	PC2708
011	PC2712
012	PC2715
013	PC2716
014	PC2724
015	PC2728
016	PC2732

Vendor CAGE
number

00348

Vendor name
and address

Microtran Company, Inc
145 East Mineola Avenue
P.O. Box 236
Valley Stream, NY 11582-0236
(516) 561-6050

Civil agency coordinating activity:
GSA - 7FXE

Preparing activity:
DLA - ES

(Project 5950-D234)