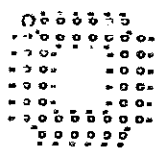
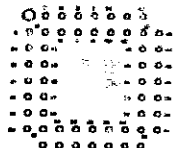


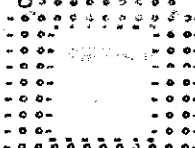
CONVERSION CHART	
INCH	MM
.002	0.05
.010	0.25
.020	0.51
.035	0.89
.056	1.42
.062	1.57
.065	1.65
.070	1.77
.100	2.54
.130	3.30
.137	3.47
.360	9.14
.500	12.70
.600	15.24
.660	16.76
.700	17.78
.760	19.30
.800	20.32
.890	22.60
.960	24.38
.990	25.15
1.000	25.40
1.160	29.46
1.190	30.22
1.195	30.35
1.200	30.48
1.390	35.30



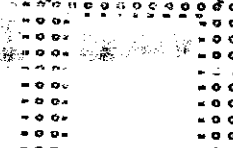
44 POS.



52 POS.

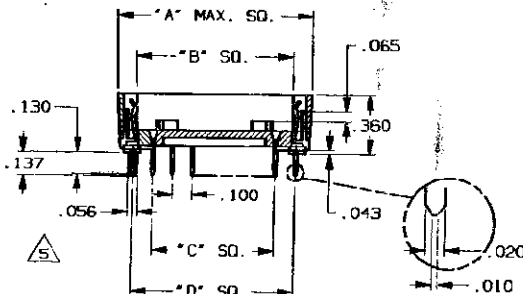
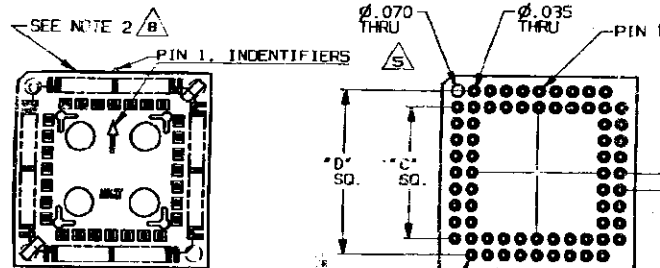


68 POS.



84 POS.

RECOMMENDED HOLE LAYOUT
TOLERANCE: +.002 UNLESS OTHERWISE NOTED



SPECIFICATIONS:

MATERIALS:
CONTACT: COPPER ALLOY, TIN/LEAD PLATE OVER NICKEL.
INSULATOR: PPS

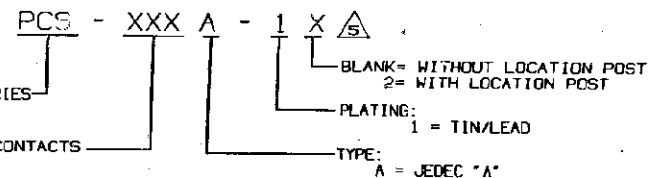
ELECTRICAL:
CURRENT CAPACITY: 1 AMP.
LOW LEVEL CONTACT RESISTANCE: 30 MILLIOHMS MAX.
CAPACITANCE (CONTACT TO CONTACT): 1 pF MAX.
• 1kHz, MIL-STD-202, METHOD 305.
DIELECTRIC WITHSTANDING VOLTAGE: 600 VAC PER
MIL-STD-1344, METHOD 3001.1.

MECHANICAL:
FORCE, INSERTION: 280g MAX. PER LINE.
FORCE, WITHDRAWAL: 10g MIN. PER LINE.
FLORCE, NORMAL: 200g MIN. PER LINE.

ENVIRONMENTAL:
OPERATING TEMPERATURE: -67°F TO +221°F
(-55°C TO +105°C.)
STORAGE TEMPERATURE: -67°F TO +221°F
(-55°C TO +105°C.)

NOTES:

- INTERPRET DRAWING PER ASME Y14.5M-1994.
- DATE CODE (PER BELOW) TO BE LASER CODED AND CENTERED ON THIS SURFACE.



PART NO.	DIM. "A"	DIM. "B"	DIM. "C"	DIM. "D"
PCS-044A-1X	.890	.660	.500	.700
PCS-052A-1X	.990	.760	.600	.800
PCS-068A-1X	1.190	.960	.800	1.000
PCS-084A-1X	1.390	1.160	1.000	1.200

OUTLINE DRAWING
SPECIFICATIONS ARE SUBJECT TO CHANGES WITHOUT NOTICE

THIS IS A C.A.D. GENERATED DRAWING.
DO NOT SCALE ORIGINAL. REVISED TO MASTER.

REV	REVISIONS
0	INITIAL RELEASE D.W. 5/25/89 APP'D: S.D. 5-25-89
1	REVISED ECOY 154-89 APP'D: S.D. 8-2-89
2	REVISED ECOY 195-89 APP'D: S.D. 9-8-89
3	REVISED ECOY 8-90 APP'D: S.D. 1-23-90
4	REVISED ECOY 783-90 APP'D: S.D.
5	REVISED ECOY 787-91 APP'D: C.F. 9-4-91
6	REVISED ECOY 870/95 APP'D: MLL 8/16/95
7	REVISED ECOY 835-96 ECOY 770/96 APP'D: R. GREY 7-2-96
8	REVISED ECOY 530-96 ECOY 441/25/96 APP'D: MLL 8/25/96
9	REVISED ECOY 105134-97 S.C. 10/21/97 APP'D: MLL 10/21/97

TOLERANCES (EXCEPT AS NOTED)
ANGULAR = ±1°
DECIMAL .XX = ±.010
DECIMAL .XXX = ±.010
DECIMAL .XXXX = ±.010

THIRD ANGLE PROJECTION

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DO NOT SCALE PRINT

FILE NAME: PCSOUTLN DIRECTOR: OUTL/DIR/PROD/COO

MATERIAL: SEE SPECIFICATIONS

FINISH: SEE SPECIFICATIONS

ORIGINAL DATE OF DRAWING: 5-25-89

DRAWN: D.S. DATE: 5-25-89

CHECKED: RAY D. DATE: 1-19-90

APPROVED: S.D. DATE: 6-2-89

CODE IDENT. NO. 91506

DWG. SIZE C

NEXT ASSY:

AVGAT 8
152 JOHN DIETSCH BLVD.
ATLANTA, GA 30343
INC.

TITLE: **OUTLINE DRAWING**
PCS SOCKET

DWG. NO. PCS-XXXX-1X

REV. 9

PRODUCT CODE: 165

SCALE: SHEET 1 OF 1

Current Brand View

AMP

[View All Tyco Electronics Brands](#)

Click to activate links to all other products

Sockets

 PLCC Sockets

AMP

PCS-044A-1 -- 4 of 6 products

Active

[Active](#)

(Tyco Electronics P/N: 2-1437528-6)

Previous	Next	Sales Information	AMP ACES	Step Search Screen
			Related Documents	General Information
			Pricing	Product Availability

Please use the customer drawing for all design activity.

- Customer Drawing: 2-1437528-6, Rev. A
Document Title: PLCC SOCKET-PCS SERIES
[220249.pdf](#) [220249.pdf](#) (66K)

The photographs and/or line drawings below are representative images of a product for viewing purposes only.

[Product Photo](#)
[Recommended PC Board Layout](#)

Searchable Features:

Brand:	AMP
Socket Type:	PCS Series
No. of Positions:	44
Centerline (mm [in]):	2.54 [.100]
Insertion Force:	Normal
Contact Mount:	Thru Hole
Max. Height Above PCB (mm [in]):	9.15 [.360]
Polarizing Pin:	No
Packaging Method:	Carton

Other Properties:

Package Configuration:	Square
Contact Resistance:	30 milliohms max.
Current Rating (Amps.):	1
Housing Material:	PPS
Housing Flammability Rating:	UL 94V-0
Contact Material:	Phosphor Bronze
Contact Mating Area Plating:	Tin-Lead

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