

D

C

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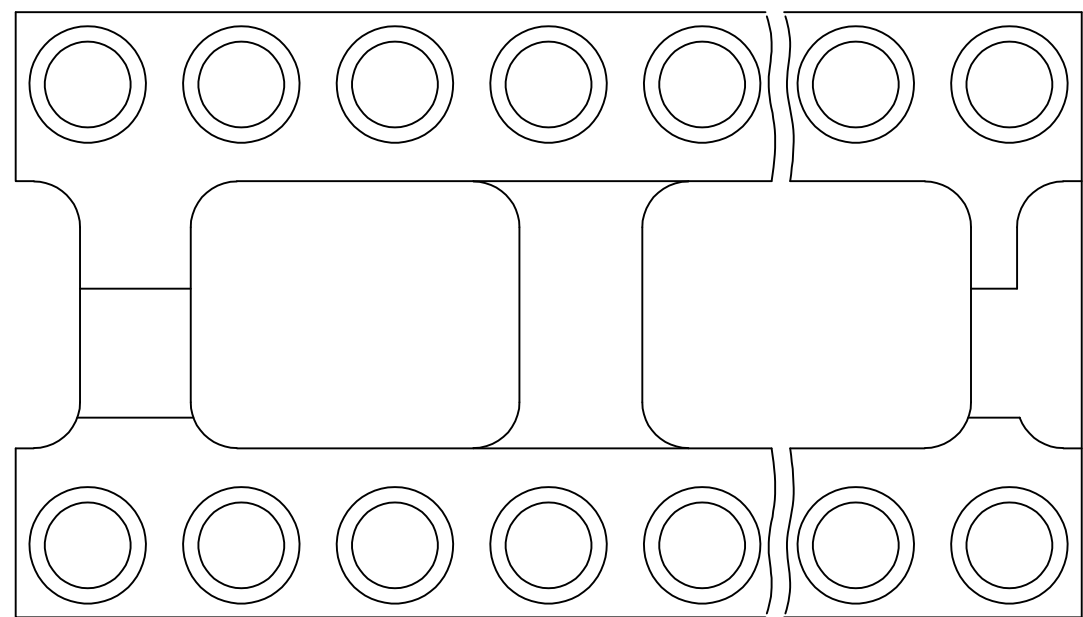


FIG. 1

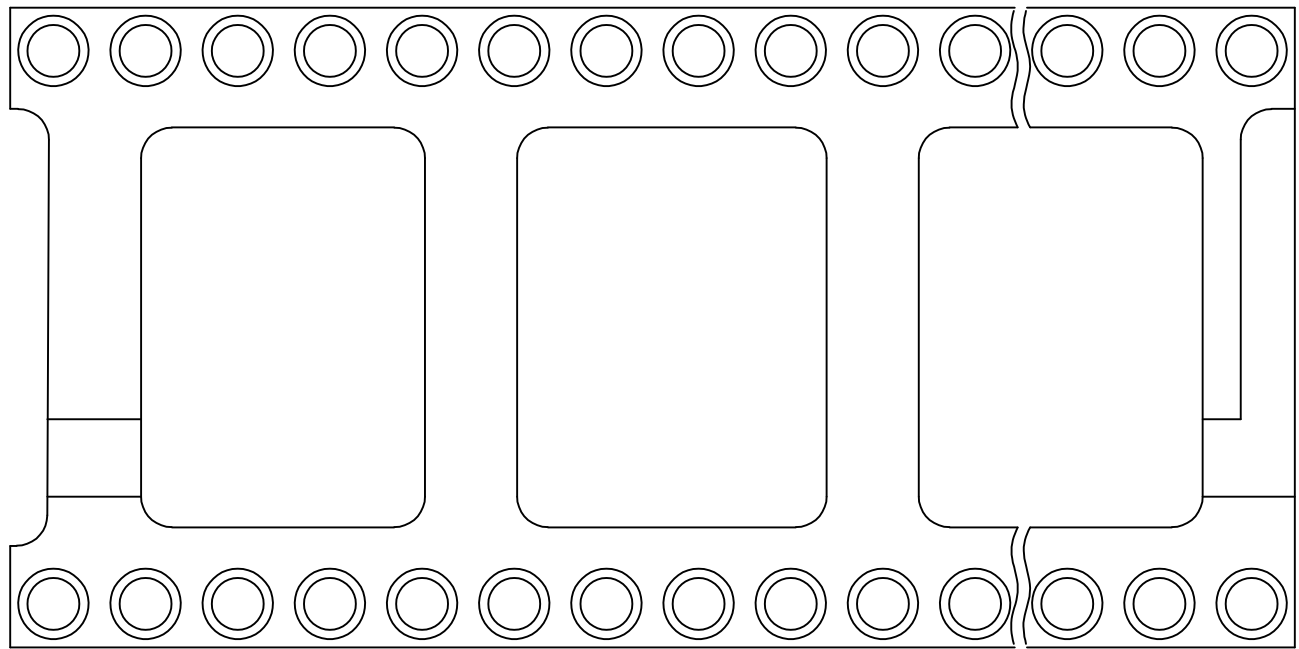


FIG. 2

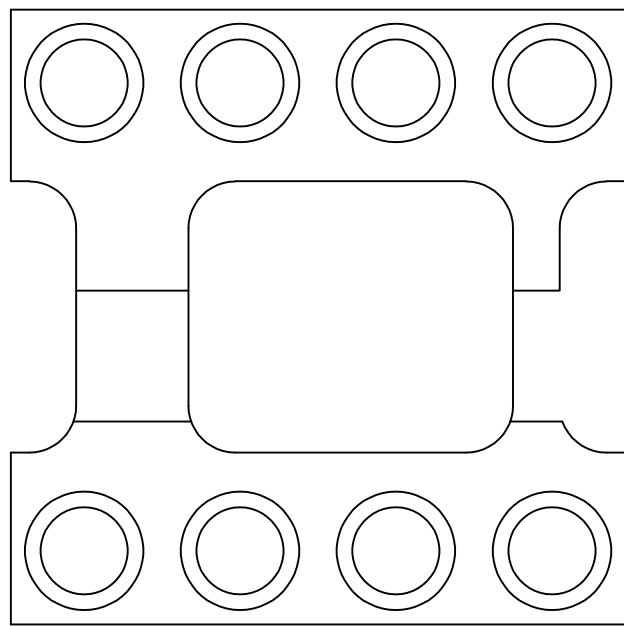
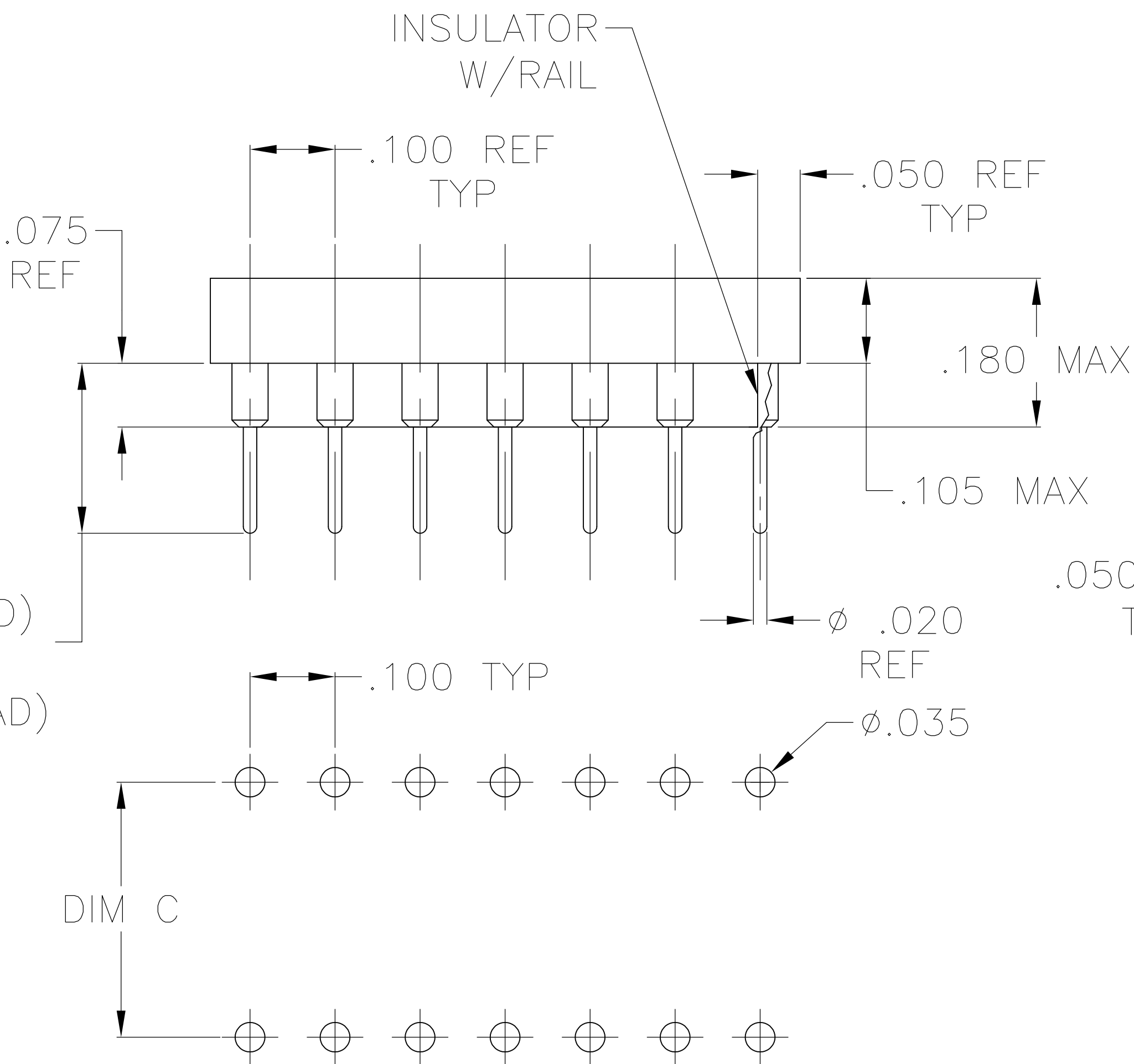
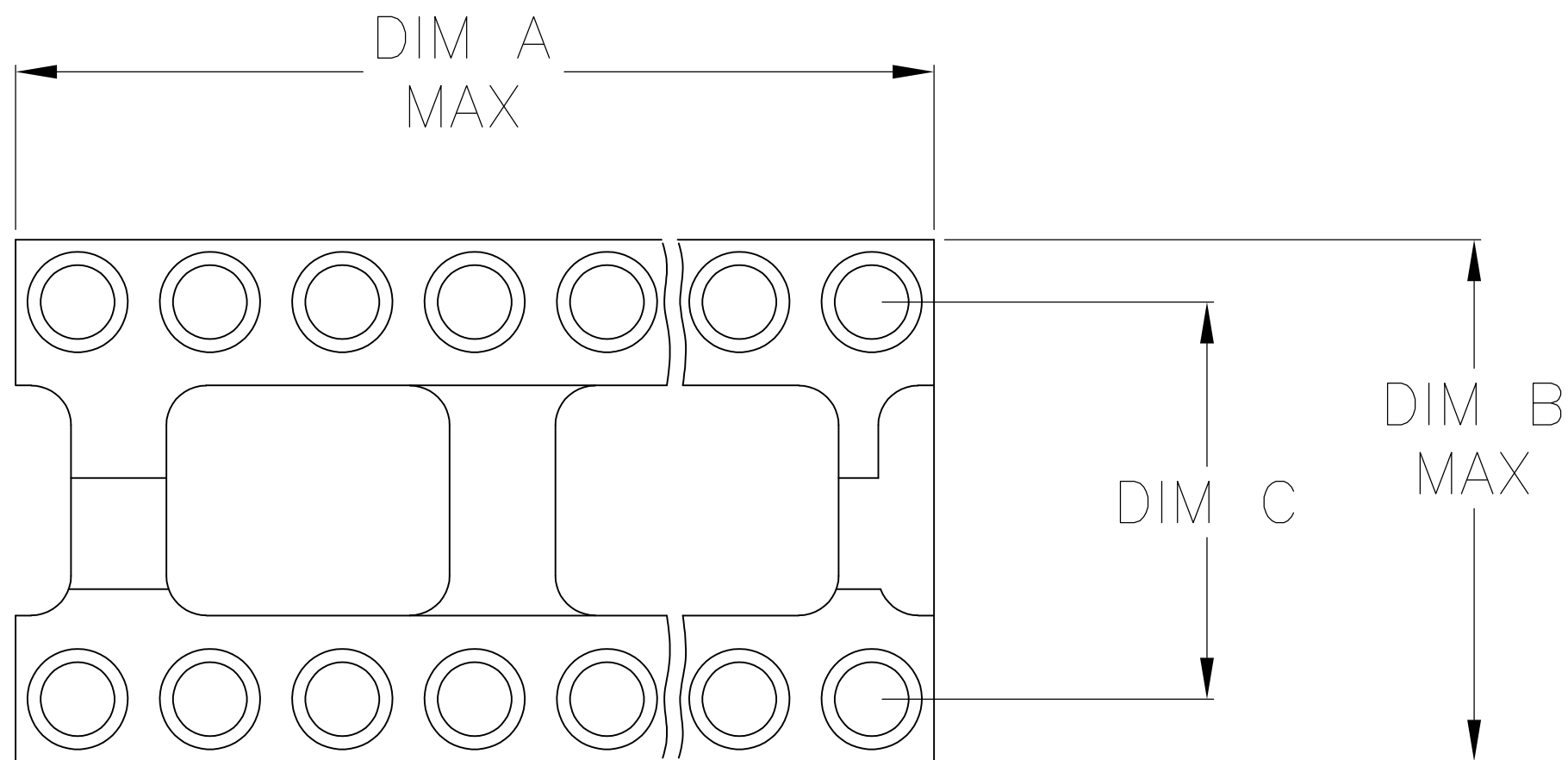
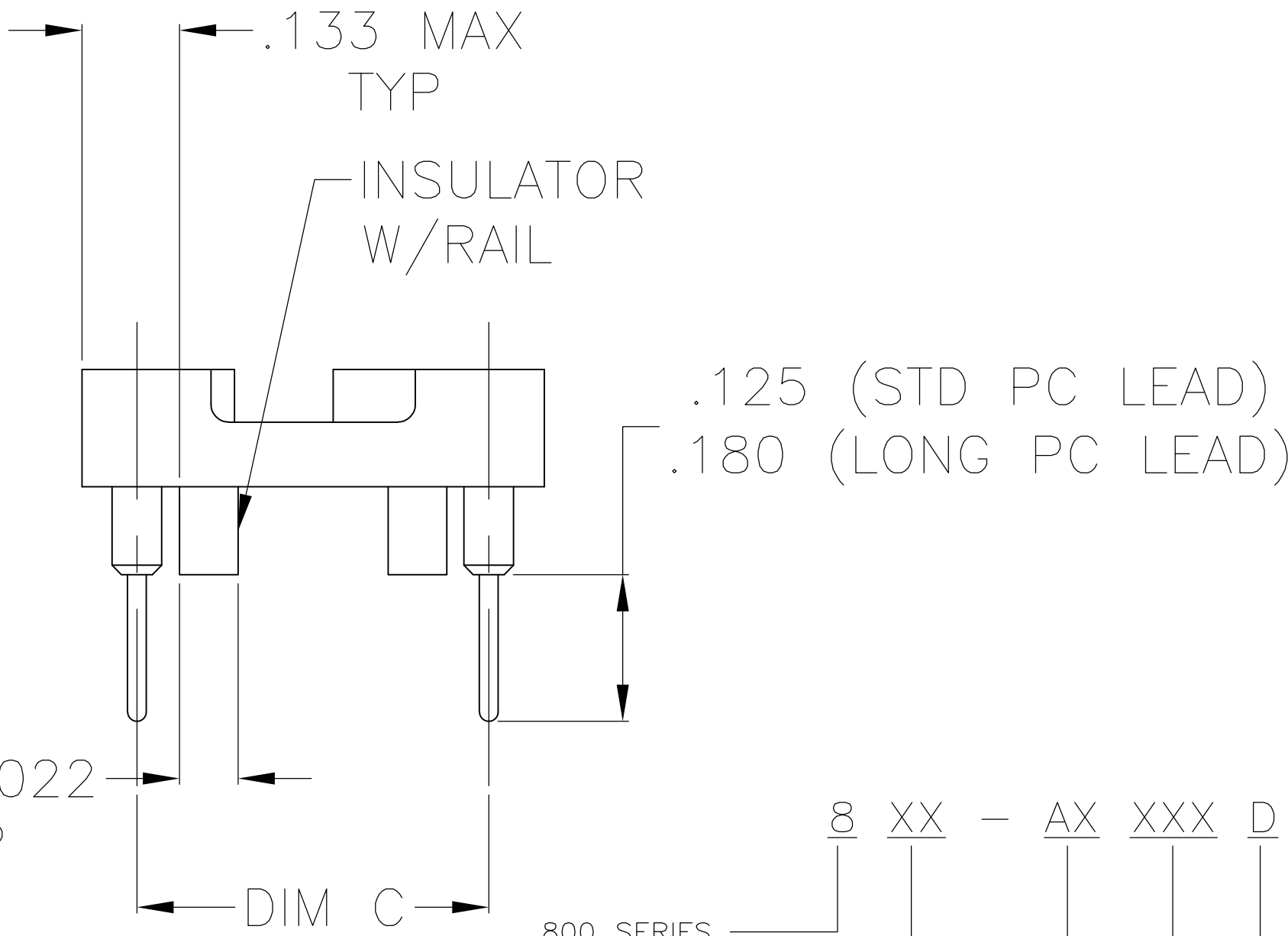


FIG. 3

(8 POS ONLY)

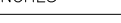


P.C.B. HOLE LAYOUT
TOLERANCE ±.003



8 XX - AX XXX D - XXX - LF
800 SERIES POSITIONS
LF= LEAD FREE
BLANK = MACHINED CONTACT
ES = FORMED CONTACT, GOLD PLATE, NOTE 1
ESL = FORMED CONTACT, LOW GOLD PLATE, 5μIN MAX
D = PC TAIL STANDARD
LSG STYLE AND TAIL CONFIGURATION
AG = INSULATOR
AR = INSULATOR WITH RAILS
(ALMOST RUN THE LENGTH UNDER THE INSULATOR
INSIDE THE CONTACT ROWS, .075 REF HIGH & .045 REF WIDE)

- 1 MATERIALS:
INSULATOR: POLYESTER, UL RATED 94V-0
CONTACT:
800 & 1800 SERIES CONTACT: 4 BEAM, COPPER ALLOY, MACHINED (PREMIUM VERSION) OR FORMED (ECONOMY VERSION, WITH SUFFIX -ES OR -ESL).
800 SERIES HIGH RETENTION CONTACT: 4 BEAM, COPPER ALLOY, MACHINED.
1000 SERIES CONTACT: 6 BEAM, COPPER ALLOY, MACHINED (LOW INSERTION FORCE SERIES)
SLEEVE- ALL SERIES: COPPER ALLOY, FORMED
- 2 ELECTRICAL:
CONTACT RESISTANCE: 10 MILLIOHMS MAX
CONTACT RATING: 3 AMPS
CAPACITANCE: 1.0 pF PER MIL-STD-202, METHOD 305
INSULATION RESISTANCE: 5000 OHMS MIN @ 500 VDC PER MIL-STD-1344, METHOD 3003.1
DIELECTRIC WITHSTANDING VOLTAGE: 1000 VOLTS (RMS) PER MIL-STD-1344, METHOD 3001.1
- 3 MECHANICAL:
AFTER INSERTION FORCE: 37 GRAMS AVG (6 BEAM CONTACT) 134 GRAMS AVG (4 BEAM PREMIUM) 179 GRAMS AVG (4 BEAM ECONOMY) AND 334 GRAMS AVG (HIGH RETENTION)
AFTER WITHDRAWAL FORCE: 15 GRAMS AVG (6 BEAM CONTACT) 63 GRAMS AVG (4 BEAM PREMIUM OR ECONOMY) AND 245 GRAMS AVG (HIGH RETENTION)
- 4 ENVIRONMENTAL:
OPERATING TEMPERATURE: -55°C TO -105°C
- 5 PLATING: 25μ" MIN GOLD OVER 50μ" MIN NICKEL CONTACT WITH 5μ" MIN GOLD OVER 50μ" MIN NICKEL SLEEVE.
- 6 PLATING: 25μ" MIN GOLD OVER 50μ" MIN NICKEL CONTACT WITH 80μ" MIN TIN-LEAD OVER 50μ" MIN COPPER SLEEVE.
- 7 PLATING: 80μ" MIN TIN-LEAD OVER 75μ" MIN COPPER CONTACT WITH 180μ" MIN TIN-LEAD OVER 75μ" MIN NICKEL SLEEVE.
- 8 PLATING: 5μ" MIN GOLD FLASH OVER 50μ" MIN NICKEL CONTACT WITH 5μ" MIN GOLD FLASH OVER 50μ" MIN NICKEL SLEEVE.
- 9 PLATING: 5μ" MIN GOLD FLASH OVER 50μ" MIN NICKEL CONTACT WITH 80μ" MIN TIN-LEAD OVER 50μ" MIN COPPER SLEEVE.
- 10 PLATING: 7.5μ" MIN GOLD OVER 50μ" MIN NICKEL CONTACT WITH 80μ" MIN TIN-LEAD OVER 50μ" MIN COPPER SLEEVE.
- 11 PRELIMINARY PART - NOT RELEASED FOR PRODUCTION.
- 12 806-AGXXD-XXX SERIES IS SUPERSEDED BY 506-AGXXD-XXX SERIES (REFER TO CUSTOMER DRAWING 1437532-2)
- 13 PLATING: 25μ" MIN GOLD OVER 50μ" MIN NICKEL CONTACT WITH 80μ" MIN MATTE TIN OVER 50μ" MIN COPPER SLEEVE.
- 14 PLATING: 80μ" MIN MATTE TIN OVER 75μ" MIN COPPER CONTACT WITH 180μ" MIN MATTE TIN OVER 75μ" MIN NICKEL SLEEVE.
- 15 PLATING: 5μ" MIN GOLD FLASH OVER 50μ" MIN NICKEL CONTACT WITH 80μ" MIN MATTE TIN OVER 50μ" MIN COPPER SLEEVE.
- 16 PLATING: 7.5μ" MIN GOLD OVER 50μ" MIN NICKEL CONTACT WITH 80μ" MIN MATTE TIN OVER 50μ" MIN COPPER SLEEVE.
- 17 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN R BROWN	06MAY04	 Tyco Electronics Corporation Harrisburg, Pa 17105-3608			
			CHK K WRIGHT	06MAY04				
			APVD K WRIGHT	06MAY04				
			PRODUCT SPEC					
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:			NAME	DIP SOCKET, 800 SERIES			
		0 PLC	± -				APPLICATION SPEC	
		1 PLC	± -					
		2 PLC	± -					
		3 PLC	± .005					
4 PLC		± -						
ANGLES			± -					
MATERIAL	FINISH			SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO	
-	-			A1	00779	C=1437539-2	-	
CUSTOMER DRAWING				WEIGHT	-			
				SCALE				
				1:1				
				SHEET				
				1 of 4				
				REV				
				A4				

8

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4

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1

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LOC

DIST

REV

DATE

BY

APPROVED

AD

00

DESCRIPTION

DATE

BY

APPROVED

SEE SHEET 1

-

-

-

800 SERIES MACHINED PREMIUM
CONTACT LEAD FREE PART NUMBER TABLE

	HIGH RETENTION		.895/.905	1.000	3.200	2	864-AG34D-LF	5-6437538-4
	HIGH RETENTION		.595/.605	.700	2.400	2	848-AG34D-LF	9-1437538-5
OBSOLETE	W/RAILS						840-AR11D-LF	8-1437538-6
	.180 PC LEAD		.595/.605	.700	2.000	2	840-AG43D-LF	8-1437538-4
	HIGH RETENTION						840-AG34D-LF	8-1437538-3
	HIGH RETENTION						832-AG38D-LF	9-6437533-4
	HIGH RETENTION		.595/.605	.700	1.600	2	832-AG34D-LF	2-6437538-5
OBSOLETE	W/RAILS						828-AR12D-LF	6-6437538-9
OBSOLETE	W/RAILS		.595/.605	.700	1.400	1	828-AR11D-LF	1-6437538-6
	.180 PC LEAD						828-AG43D-LF	6437538-4
OBSOLETE	HIGH RETENTION						828-AG34D-LF	1-6437538-3
OBSOLETE	W/RAILS		.295/.305	.400	1.200	1	824-AR31D-LF	5-6437538-1
OBSOLETE	W/RAILS		.595/.605	.700	1.200	1	824-AR11D-LF	9-6437537-9
	.180 PC LEAD		.295/.305	.400	1.200	1	824-AG47D-LF	9-6437537-7
OBSOLETE	.180 PC LEAD		.395/.405	.500	1.200	1	824-AG446D-LF	9-6437537-6
	HIGH RETENTION		.595/.605	.700	1.200	1	824-AG34D-LF	9-6437537-5
	HIGH RETENTION						824-AG338D-LF	9-6437537-4
	HIGH RETENTION		.295/.305	.400	1.200	1	824-AG334D-LF	9-6437537-3
	.180 PC LEAD		.295/.305	.400	1.000	1	820-AG43D-LF	7-6437537-3
	HIGH RETENTION						820-AG34D-LF	7-6437537-2
OBSOLETE	.180 PC LEAD W/RAILS		.295/.305	.400	.900	1	818-AR44D-LF	4-6437539-9
OBSOLETE	W/RAILS						818-AR11D-LF	6-6437537-2
OBSOLETE	W/RAILS						816-AR11D-LF	5-6437537-4
	HIGH RETENTION		.295/.305	.400	.800	1	816-AG34D-LF	5-6437537-1
OBSOLETE	W/RAILS						814-AR11D-LF	3-6437537-5
	.180 PC LEAD		.295/.305	.400	.700	1	814-AG43D-LF	3-6437537-2
	HIGH RETENTION						814-AG34D-LF	3-6437537-1
OBSOLETE	W/RAILS		.295/.305	.400	.400	3	808-AR11D-LF	1-6437537-9
	.180 PC LEAD						808-AG43D-LF	6437537-5
	HIGH RETENTION						808-AG34D-LF	6437537-4
	COMMENTS	PLATING	C	B	A	FIG	AUGAT PART NO.	TE PART NO.

800 SERIES MACHINED PREMIUM
CONTACT PART NUMBER TABLE

OBSOLETE	W/RAILS		.295/.305	.400	1.200	1	824-AR31D	0-1437538-1
OBSOLETE	W/RAILS		.595/.605	.700	1.200	1	824-AR11D	9-1437537-9
	-		.395/.405	.500	1.200	1	824-AG66D	9-1437537-8
	.180 PC LEAD		.295/.305	.400	1.200	1	824-AG47D	9-1437537-7
	.180 PC LEAD		.595/.605	.700	1.200	1	824-AG45D	6-1437538-6
	.180 PC LEAD		.395/.405	.500	1.200	1	824-AG446D	9-1437537-6
	HIGH RETENTION		.595/.605	.700	1.200	1	824-AG34D	9-1437537-5
	HIGH RETENTION						824-AG33D	8-1437539-2
	HIGH RETENTION						824-AG338D	9-1437537-4
	HIGH RETENTION						824-AG334D	9-1437537-3
	-		.295/.305	.400	1.200	1	824-AG32D	9-1437537-2
	-						824-AG31D	8-1437537-9
	-						824-AG30D	8-1437537-7
	-		.395/.405	.500	1.200	1	824-AG14D	8-1437537-6
	-						824-AG12D	8-1437537-5
	-		.595/.605	.700	1.200	1	824-AG11D	8-1437537-2
	-						824-AG10D	8-1437537-1
A4	-		.395/.405	.500	1.100	1	822-AG11D	7-1437537-8
	-						822-AG10D	7-1437537-7
	W/RAILS						820-AR11D	7-1437537-6
	.180 PC LEAD						820-AG45D	7-1437537-5
	.180 PC LEAD						820-AG44D	7-1437537-4
	.180 PC LEAD		.295/.305	.400	1.000	1	820-AG43D	7-1437537-3
	HIGH RETENTION						820-AG34D	7-1437537-2
	-						820-AG12D	6-1437537-9
	-						820-AG11D	6-1437537-6
	-						820-AG10D	6-1437537-4
	.180 PC LEAD W/RAILS						818-AR44D	4-1437539-9
	W/RAILS						818-AR11D	6-1437537-2
	.180 PC LEAD		.295/.305	.400	.900	1	818-AG44D	6-1437537-1
	HIGH RETENTION S/B 5-1437537-7						818-AG34D	5-1437538-8
	-						818-AG12D	6-1437537-0
	-						818-AG11D	5-1437537-7
	-						818-AG10D	5-1437537-6
	W/RAILS						816-AR11D	5-1437537-4
	.180 PC LEAD		.295/.305	.400	.800	1	816-AG45D	5-1437537-3
	.180 PC LEAD						816-AG44D	5-1437537-2
	HIGH RETENTION						816-AG34D	5-1437537-1
	HIGH RETENTION						816-AG33D	5-1437537-0
OBSOLETE	-						816-AG12D	4-1437537-6
	-						816-AG11D	4-1437537-0
	-						816-AG10D	3-1437537-7
	.180 PC LEAD, W/RAILS S/B 3-1437537-3						814-AR44D	5-1437533-2
	W/RAILS						814-AR11D	3-1437537-5
	.180 PC LEAD		.295/.305	.400	.700	1	814-AG45D	3-1437537-4
	.180 PC LEAD						814-AG44D	3-1437537-3
	.180 PC LEAD						814-AG43D	3-1437537-2
	HIGH RETENTION						814-AG34D	3-1437537-1
	-						814-AG12D	2-1437537-9
	-						814-AG11D	2-1437537-4
	-						814-AG10D	2-1437537-1
OBSOLETE	W/RAILS						808-AR11D	1-1437537-9
	.180 PC LEAD		.295/.305	.400	.400	3	808-AG45D	1-1437537-8
	.180 PC LEAD						808-AG44D	1-1437537-7
	.180 PC LEAD						808-AG43D	1-1437537-5
	HIGH RETENTION						808-AG34D	1-1437537-4
	-						808-AG12D	1-1437537-2
	-						808-AG11D	0-1437537-8
	-						808-AG10D	0-1437537-5
	S/B 6-1437529-8		.295/.305	.400	.300	-	806-AG11D	2-1437533-5
	SUPERSEDED BY 6-1437529-5						806-AG10D	2-1437533-3
	COMMENTS	PLATING	C	B	A	FIG	AUGAT PART NO.	TE PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN R BROWN 06MAY04
CHK K WRIGHT 06MAY04
K WRIGHT 06MAY04

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

DIMENSIONS: INCHES
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .005
4 PLC ± -
ANGLES ± -

APPROVED: K WRIGHT
PRODUCT SPEC
APPLICATION SPEC
MATERIAL - FINISH -

SIZE: A1
CAGE CODE: 00779
DRAWING NO: 1437539-2
RESTRICTED TO: -

CUSTOMER DRAWING
SCALE: 1:1
SHEET: 2 OF 4
REV: A4

800 SERIES MACHINED PREMIUM
CONTACT PART NUMBER TABLE

OBSOLETE	HIGH RETENTION		.895/.905	1.000	3.200	2	864-AG34D	5-1437538-4
	-						864-AG12D	5-1437538-2
	-						864-AG11D	4-1437538-8
	-						864-AG10D	3-1437540-1
OBSOLETE	W/RAILS						848-AR11D	4-1437538-6
OBSOLETE	HIGH RETENTION		.595/.605	.700	2.400	2	848-AG34D	4-1437538-5
	-						848-AG12D	4-1437538-4
	-						848-AG11D	4-1437538-1
	-						848-AG10D	3-1437538-9
OBSOLETE	-		.595/.605	.700	2.100	2	842-AG12D	3-1437538-8
OBSOLETE	-						842-AG11D	3-1437538-7
	W/RAILS						840-AR11D	3-1437538-6
	.180 PC LEAD						840-AG44D	3-1437538-5
	.180 PC LEAD		.595/.605	.700	2.000	2	840-AG43D	3-1437538-4
	HIGH RETENTION						840-AG34D	3-1437538-3
	-						840-AG12D	3-1437538-2
	-						840-AG11D	3-1437538-0
	-		.595/.605	.700	1.800	2	840-AG10D	2-1437538-9
	-						836-AG11D	2-1437538-7
	S/B 2-1437528-4						832-AR12D	9-1437533-7
	HIGH RETENTION		.595/.605	.700	1.600	2	832-AG38D	9-1437533-4
	HIGH RETENTION						832-AG34D	2-1437538-5
	-						832-AG12D	2-1437538-4
	-						832-AG11D	2-1437538-2
	-						832-AG10D	2-1437538-1
OBSOLETE	W/RAILS						828-AR12D	6-1437538-9
OBSOLETE	W/RAILS						828-AR11D	1-1437538-6
	.180 PC LEAD		.595/.605	.700	1.400	1	828-AG44D	1-1437538-5
OBSOLETE	.180 PC LEAD						828-AG43D	1-1437538-4
	HIGH RETENTION						828-AG34D	1-1437538-3
	-						828-AG12D	1-1437538-0
	-						828-AG11D	0-1437538-4
	-						828-AG10D	0-1437538-3
	COMMENTS	PLATING	C	B	A	FIG	AUGAT PART NO.	TE PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN R BROWN 06MAY04
CHK K WRIGHT 06MAY04
K WRIGHT 06MAY04

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

DIMENSIONS: INCHES
TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .005
4 PLC ± -
ANGLES ± -

APPROVED: K WRIGHT
PRODUCT SPEC
APPLICATION SPEC
MATERIAL - FINISH -

SIZE: A1
CAGE CODE: 00779
DRAWING NO: 1437539-2
RESTRICTED TO: -

CUSTOMER DRAWING
SCALE: 1:1
SHEET: 2 OF 4
REV: A4

AMP 4805 REV 31MAR2000

800 SERIES STAMPED ECONOMY
CONTACT LEAD FREE PART NUMBER TABLE

OBSOLETE	W/RAILS	13	.595/.605	.700	2.400	2	848-AR11D-ES-LF	8-1437540-0
OBSOLETE	W/RAILS	14					840-AR12D-ES-LF	6-6447099-8
OBSOLETE	W/RAILS	15					840-AR11D-ESL-LF	7-1437540-2
OBSOLETE	W/RAILS	13	.595/.605	.700	2.000	2	840-AR11D-ES-LF	7-1437540-1
	.180 PC LEAD	15					840-AG44D-ESL-LF	7-1437540-0
OBSOLETE	W/RAILS	15					832-AR11D-ESL-LF	0-6437540-9
OBSOLETE	W/RAILS	13					832-AR11D-ES-LF	0-6437540-8
	.180 PC LEAD	13	.595/.605	.700	1.600	2	832-AG44D-ES-LF	0-6437540-7
	.180 PC LEAD	14					832-AG43D-ES-LF	0-6437540-6
OBSOLETE	.180 PC LEAD W/RAILS	15					828-AR44D-ESL-LF	9-6437539-8
OBSOLETE	W/RAILS	14					828-AR12D-ES-LF	6-6447099-7
OBSOLETE	W/RAILS	13	.595/.605	.700	1.400	1	828-AR11D-ES-LF	9-6437539-6
	.180 PC LEAD	13					828-AG44D-ES-LF	9-6437539-5
OBSOLETE	.180 PC LEAD W/RAILS	15	.295/.305	.400	1.200	1	824-AR47D-ESL-LF	8-6437533-3
OBSOLETE	W/RAILS	13	.295/.305	.400	1.200	1	824-AR31D-ES-LF	8-6437539-7
OBSOLETE	W/RAILS	14	.595/.605	.700	1.200	1	824-AR12D-ES-LF	6-6447099-6
	.180 PC LEAD	15	.595/.605	.700	1.200	1	824-AG44D-ESL-LF	8-6437539-3
A4	.180 PC LEAD	13	.395/.405	.500	1.100	1	822-AG44D-ES-LF	6-6437539-5
OBSOLETE	W/RAILS	15	.295/.305	.400	1.000	1	820-AR11D-ESL-LF	5-6437539-8
OBSOLETE	W/RAILS	13					820-AR11D-ES-LF	5-6437539-7
OBSOLETE	W/RAILS	15					816-AR11D-ESL-LF	3-6437539-5
OBSOLETE	W/RAILS	13					816-AR11D-ES-LF	3-6437539-4
	.180 PC LEAD	15	.295/.305	.400	.800	1	816-AG44D-ESL-LF	3-6437539-2
OBSOLETE	W/RAILS	13	.295/.305	.400	.700	1	814-AR11D-ES-LF	2-6437539-2
OBSOLETE	W/RAILS	14					808-AR11D-ES-LF	1-6437539-0
	.180 PC LEAD	14	.295/.305	.400	.400	1	808-AG43D-ES-LF	6437537-6
COMMENTS		PLATING	C	B	A	FIG	AUGAT PART NO.	TE PART NO.

800 SERIES STAMPED ECONOMY
CONTACT PART NUMBER TABLE

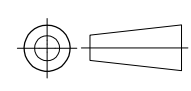
17	OBSOLETE	.180 PC LEAD W/RAILS	9	.295/.305	.400	1.200	1	824-AR47D-ESL	8-1437533-3	
	SUPERSEDED	.180 PC LEAD W/RAILS S/B 8-1437539-3	9	.595/.605	.700	1.200	1	824-AR44D-ESL	8-1437533-2	
17	OBSOLETE	W/RAILS	9	.295/.305	.400	1.200	1	824-AR31D-ESL	3-1437540-9	
		W/RAILS	6					824-AR31D-ES	8-1437539-7	
	W/RAILS	7	824-AR12D-ES	6-1447099-6						
	OBSOLETE	W/RAILS	9	.595/.605	.700	1.200	1	824-AR11D-ESL	8-1437539-6	
OBSOLETE	W/RAILS	6	824-AR11D-ES					8-1437539-5		
17	OBSOLETE	-	9	.395/.405	.500	1.200	1	824-AG66D-ESL	8-1437539-4	
		11	5					824-AG65D-ES	0-1571180-1	
17	OBSOLETE	.180 PC LEAD	9	.595/.605	.700	1.200	1	824-AG44D-ESL	8-1437539-3	
		-	7					824-AG32D-ES	8-1437539-1	
		-	9					824-AG31D-ESL	7-1437539-7	
		-	6					824-AG31D-ES	7-1437539-6	
		-	8					824-AG30D-ESL	7-1437539-4	
		-	5					824-AG30D-ES	7-1437539-3	
		-	7					824-AG12D-ES	7-1437539-2	
		-	9					824-AG11D-ESL	7-1437539-0	
	OBSOLETE	-	6	.595/.605	.700	1.200	1	824-AG11D-ES	6-1437539-9	
		-	5					824-AG10D-ES	6-1437539-7	
		.180 PC LEAD	6					822-AG44D-ES	6-1437539-5	
		-	7					822-AG12D-ES	6-1437539-4	
		-	9					822-AG11D-ESL	6-1437539-3	
		-	6					822-AG11D-ES	6-1437539-2	
17	OBSOLETE	-	5	.395/.405	.500	1.100	1	822-AG10D-ES	6-1437539-0	
		5	822-AG10D-ES					6-1437539-0		
17	OBSOLETE	.180 PC LEAD W/RAILS S/B 7-1437537-4	9	.295/.305	.400	1.000	1	820-AR44D-ESL	7-1437533-1	
		W/RAILS	9					820-AR11D-ESL	5-1437539-8	
17	OBSOLETE	W/RAILS	6	.295/.305	.400	1.000	1	820-AR11D-ES	5-1437539-7	
		.180 PC LEAD S/B 7-1437537-4	9					820-AG44D-ES	7-1437533-0	
		-	7					820-AG12D-ES	5-1437539-6	
		-	9					820-AG11D-ESL	5-1437539-3	
		-	6					820-AG11D-ES	5-1437539-2	
		W/RAILS	5					820-AG10D-ES	5-1437539-0	
		.180 PC LEAD W/RAILS S/B 4-1437539-9	9					818-AR44D-ESL	6-1437533-4	
		W/RAILS	9					818-AR11D-ESL	4-1437539-8	
	OBSOLETE	W/RAILS	6	.295/.305	.400	.900	1	818-AR11D-ES	4-1437539-7	
		.180 PC LEAD S/B 6-1437537-1	9					818-AG44D-ESL	6-1437533-3	
		-	7					818-AG12D-ES	4-1437539-6	
		-	9					818-AG11D-ESL	4-1437539-4	
		-	6					818-AG11D-ES	4-1437539-3	
		-	5					818-AG10D-ES	4-1437539-1	
OBSOLETE	W/RAILS	9	.295/.305	.400	.800	1	816-AR11D-ESL	3-1437539-5		
	W/RAILS	6					816-AR11D-ES	3-1437539-4		
	.180 PC LEAD	5					816-AG45D-ES	3-1437539-3		
	.180 PC LEAD	9					816-AG44D-ESL	3-1437539-2		
17	OBSOLETE	-	7	.295/.305	.400	.800	1	816-AG12D-ES	3-1437539-1	
		-	9					816-AG11D-ESL	2-1437539-9	
		-	6					816-AG11D-ES	2-1437539-8	
		-	5					816-AG10D-ES	2-1437539-6	
		.180 PC LEAD, W/RAILS S/B 3-1437537-3	9					814-AR44D-ESL	5-1437533-3	
		W/RAILS	9					814-AR11D-ESL	2-1437539-3	
	OBSOLETE	W/RAILS	6	.295/.305	.400	.700	1	814-AR11D-ES	2-1437539-2	
		.180 PC LEAD	5					814-AG45D-ES	2-1437539-1	
	SUPERSEDED	OBSOLETE	.180 PC LEAD S/B 3-1437537-3	9	.295/.305	.400	.700	1	814-AG44D-ESL	4-1437540-5
			-	7					814-AG12D-ES	2-1437539-0
-			9	814-AG11D-ESL					1-1437539-7	
-			6	814-AG11D-ES					1-1437539-6	
-			5	814-AG10D-ES					1-1437539-4	
.180 PC W/RAILS, S/B 1437539-9			9	808-AR44D-ESL					3-1437533-1	
OBSOLETE		W/RAILS	9	.295/.305	.400	.400	1	808-AR11D-ESL	1-1437539-1	
		W/RAILS	6					808-AR11D-ES	1-1437539-0	
		.180 PC LEAD	9					808-AG44D-ESL	0-1437539-9	
		.180 PC LEAD	7					808-AG43D-ES	1-1437537-6	
17	OBSOLETE	-	7	.295/.305	.400	.400	1	808-AG12D-ES	0-1437539-8	
		-	9					808-AG11D-ESL	0-1437539-6	
		-	6					808-AG11D-ES	0-1437539-5	
		-	5					808-AG10D-ES	0-1437539-2	
		S/B 7-1437529-1	7					806-AG12D-ES	2-1437533-8	
		S/B 1437535-8	9					806-AG11D-ESL	8-1437536-5	
	S/B 1437535-7	6	806-AG11D-ES	2-1437533-7						
	COMMENTS		PLATING	C	B	A	FIG	AUGAT PART NO.	TE PART NO.	

800 SERIES STAMPED ECONOMY
CONTACT PART NUMBER TABLE

17	OBSOLETE	-	7	.895/.905	1.000	3.200	2	864-AG12D-ES	5-1437538-3				
	-	9	864-AG11D-ESL					5-1437538-0					
	-	6	864-AG11D-ES					4-1437538-9					
17	OBSOLETE	-	5	.595/.605	.700	2.400	2	864-AG10D-ES	3-1437540-2				
OBSOLETE	W/RAILS	9	848-AR11D-ESL					6-1437540-2					
17	OBSOLETE	W/RAILS	6					848-AR11D-ES	3-1437540-0				
	-	7	848-AG12D-ES					2-1437540-8					
	-	9	848-AG11D-ESL					4-1437538-2					
	-	6	848-AG11D-ES					2-1437540-6					
17	OBSOLETE	-	5					848-AG10D-ES	2-1437540-5				
	-	9	842-AG11D-ESL					2-1437540-4					
	-	6	842-AG11D-ES					2-1437540-3					
	.180 PC LEAD W/RAILS S/B 2-1437540-0	9	840-AR44D-ESL					0-1437534-7					
17	OBSOLETE	W/RAILS	7	.595/.605	.700	2.000	2	840-AR12D-ES	6-1447099-8				
OBSOLETE	W/RAILS	9	840-AR11D-ESL					2-1437540-2					
OBSOLETE	W/RAILS	6	840-AR11D-ES					2-1437540-1					
	.180 PC LEAD	9	840-AG44D-ESL					2-1437540-0					
	-	7	840-AG12D-ES					1-1437540-9					
	-	9	840-AG11D-ESL					1-1437540-7					
	-	6	840-AG11D-ES					1-1437540-6					
	-	5	840-AG10D-ES					1-1437540-4					
17	OBSOLETE	-	7					.595/.605	.700	1.800	2	836-AG12D-ES	1-1437540-2
	-	9	836-AG11D-ESL					1-1437540-1					
	-	6	836-AG11D-ES	1-1437540-0									
OBSOLETE	W/RAILS	9	832-AR11D-ESL					832-AR11D-ESL	0-1437540-9				
OBSOLETE	W/RAILS	6	832-AR11D-ES					832-AR11D-ES	0-1437540-8				
	.180 PC LEAD S/B 1437540-1	8	832-AG45D-ESL	.595/.605	.700	1.600	2	832-AG45D-ESL	6-1437538-0				
	.180 PC LEAD S/B 1437540-7	9	832-AG44D-ESL					9-1437533-5					
17	OBSOLETE	.180 PC LEAD	6					832-AG44D-ES	0-1437540-7				
	.180 PC LEAD	7	832-AG43D-ES					0-1437540-6					
	-	7	832-AG12D-ES					0-1437540-5					
	-	9	832-AG11D-ESL					0-1437540-3					
	-	6	832-AG11D-ES					0-1437540-2					
	-	5	832-AG10D-ES					0-1437540-1					
OBSOLETE	.180 PC LEAD W/RAILS	9	828-AR44D-ESL					9-1437539-8					
17	OBSOLETE	W/RAILS	7					828-AR12D-ES	6-1447099-7				
OBSOLETE	W/RAILS	9	828-AR11D-ESL	9-1437539-7									
OBSOLETE	W/RAILS	6	828-AR11D-ES	9-1437539-6									
17	OBSOLETE	.180 PC LEAD	6	.595/.605	.700	1.400	1	828-AG44D-ES	9-1437539-5				
	-	7	828-AG12D-ES	9-1437539-4									
	-	9	828-AG11D-ESL	9-1437539-2									
	-	6	828-AG11D-ES	9-1437539-1									
	-	5	828-AG10D-ES	8-1437539-9									
COMMENTS			PLATING	C	B	A	FIG	AUGAT PART NO.	TE PART NO.				

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES



MATERIAL -

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± .005
4 PLC ± -
ANGLES ± -

DWN R BROWN
CHK K WRIGHT
APVD K WRIGHT
PRODUCT SPEC
APPLICATION SPEC
WEIGHT -

06MAY04
06MAY04

NAME

SIZE CAGE CODE DRAWING NO
A1 00779

RESTRICTED TO -

Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

DIP SOCKET,
800 SERIES

CUSTOMER DRAWING

SCALE 1:1
SHEET 3 OF 4
REV A4

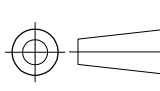
LOC		DIST		REVISIONS					
AD		00		P	LTR	DESCRIPTION	DATE	DWN	APVD
					—	SEE SHEET 1	—	—	—

1000 SERIES MACHINED PREMIUM
CONTACT, LOW INSERTION FORCE
PART NUMBER TABLE

S/B 4-1437538-8		.895/.905	1.000	3.200	2	1064-AG11D	2-1437529-4
S/B 3-1437540-1		.895/.905	1.000	3.200	2	1064-AG10D	2-1437529-3
S/B 3-1437538-0		.595/.605	.700	2.000	2	1040-AG11D	2-1437529-2
S/B 2-1437538-2		.595/.605	.700	1.600	2	1032-AG11D	2-1437529-1
S/B 1437538-4		.595/.605	.700	1.400	1	1028-AG11D	1-1437529-9
S/B 8-1437537-9		.295/.305	.400	1.200	1	1024-AG31D	1-1437529-8
S/B 8-1437537-2		.595/.605	.700	1.200	1	1024-AG11D	1-1437529-6
S/B 8-1437537-1		.595/.605	.700	1.200	1	1024-AG10D	1-1437529-5
S/B 6-1437537-6		.295/.305	.400	1.000	1	1020-AG11D	1-1437529-4
S/B 6-1437537-4						1020-AG10D	1-1437529-3
S/B 5-1437537-7		.295/.305	.400	.900	1	1018-AG11D	1-1437529-2
S/B 5-1437537-6						1018-AG10D	1-1437529-1
S/B 4-1437537-0		.295/.305	.400	.800	1	1016-AG11D	1-1437529-0
S/B 3-1437537-7						1016-AG10D	0-1437529-9
S/B 2-1437537-4		.295/.305	.400	.700	1	1014-AG11D	0-1437529-7
S/B 2-1437537-1						1014-AG10D	0-1437529-6
S/B 1437537-8		.295/.305	.400	.400	3	1008-AG11D	0-1437529-5
S/B 1437537-5						1008-AG10D	0-1437529-4
COMMENTS	PLATING	C	B	A	FIG	AUGAT PART NO.	TE PART NO.

1800 SERIES MACHINED PREMIUM
CONTACT, LOW GOLD
PART NUMBER TABLE

	S/B 5-1437538-0		.895/.905	1.000	3.200	2	1864-AG111D	5-1437529-1
	S/B 6-1437540-2 W/RAILS		.595/.605	.700	2.400	2	1848-AR111D	5-1437529-0
	S/B 4-1437538-2						1848-AG111D	4-1437529-9
	S/B 2-1437540-4		.595/.605	.700	2.100	2	1842-AG111D	4-1437529-8
	S/B 2-1437540-2 W/RAILS		.595/.605	.700	2.000	2	1840-AR111D	4-1437529-7
	S/B 1-1437540-7						1840-AG111D	4-1437529-6
	S/B 1437540-3		.595/.605	.700	1.600	2	1832-AG111D	4-1437529-5
	S/B 9-1437539-7 W/RAILS		.595/.605	.700	1.400	1	1828-AR111D	4-1437529-4
	S/B 9-1437539-2						1828-AG111D	4-1437529-3
	S/B 3-1437540-9 W/RAILS		.295/.305	.400	1.200	1	1824-AR131D	4-1437529-2
OBSOLETE	S/B 8-1437539-6 W/RAILS		.595/.605	.700	1.200	1	1824-AR111D	4-1437529-1
OBSOLETE	S/B 8-1437539-4		.395/.405	.500	1.200	1	1824-AG141D	4-1437529-0
	S/B 7-1437539-7		.295/.305	.400	1.200	1	1824-AG131D	3-1437529-9
	S/B 7-1437539-0		.595/.605	.700	1.200	1	1824-AG111D	3-1437529-8
	S/B 6-1437539-3		.395/.405	.500	1.100	1	1822-AG111D	3-1437529-7
	S/B 5-1437539-8 W/RAILS		.295/.305	.400	1.000	1	1820-AR111D	3-1437529-6
SUPERSEDED	S/B 5-1437539-3						1820-AG111D	3-1437529-5
	S/B 4-1437539-8 W/RAILS		.295/.305	.400	.900	1	1818-AR111D	3-1437529-4
	S/B 4-1437539-4						1818-AG111D	3-1437529-3
OBSOLETE	S/B 3-1437539-5 W/RAILS		.295/.305	.400	.800	1	1816-AR111D	3-1437529-2
	S/B 2-1437539-9						1816-AG111D	3-1437529-1
	S/B 2-1437539-3 W/RAILS		.295/.305	.400	.700	1	1814-AR111D	3-1437529-0
	S/B 1-1437539-7						1814-AG111D	2-1437529-9
	S/B 1-1437539-1 W/RAILS		.295/.305	.400	.400	3	1808-AR111D	2-1437529-6
	S/B 1437539-6						1808-AG111D	2-1437529-5
OBSOLETE	S/B 1437539-8		.295/.305	.400	.300		1806-AG111D	2-1437529-4
	COMMENTS	PLATING	C	B	A	FIG	AUGAT PART NO.	TE PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN R BROWN CHK K WRIGHT	06MAY04 06MAY04	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD K WRIGHT	06MAY04	NAME	
	0 PLC ± .005	PRODUCT SPEC		DIP SOCKET, 800 SERIES	
	1 PLC ± .005	APPLICATION SPEC			
MATERIAL	FINISH	WEIGHT	SIZE A1		CAGE CODE 00779
CUSTOMER DRAWING		SCALE 1:1		SHEET 4 OF 4	