

D

C

B

A

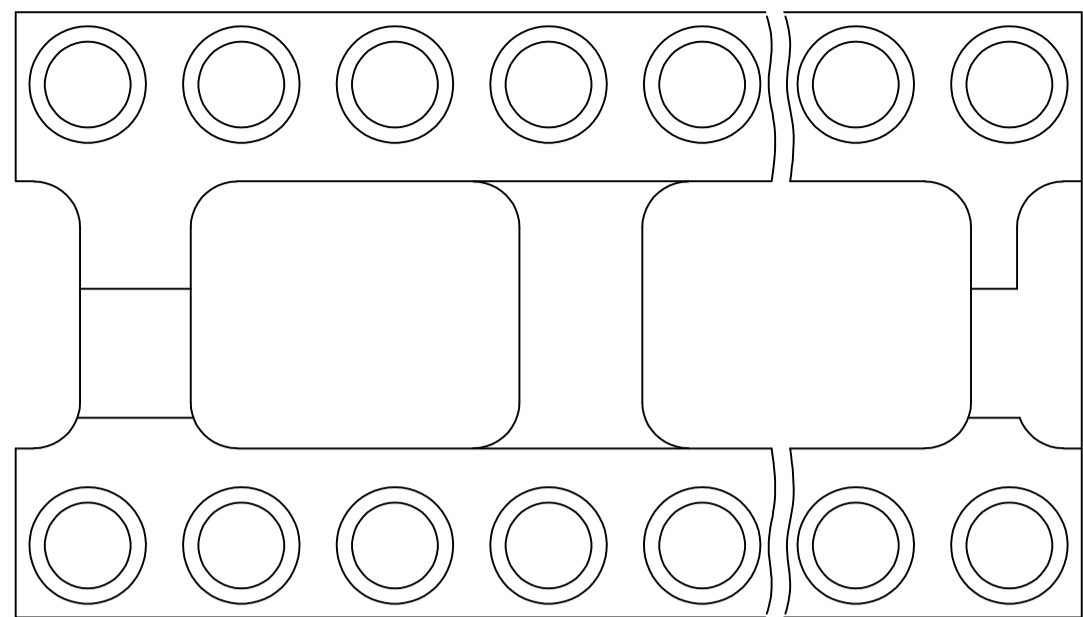


FIG. 1

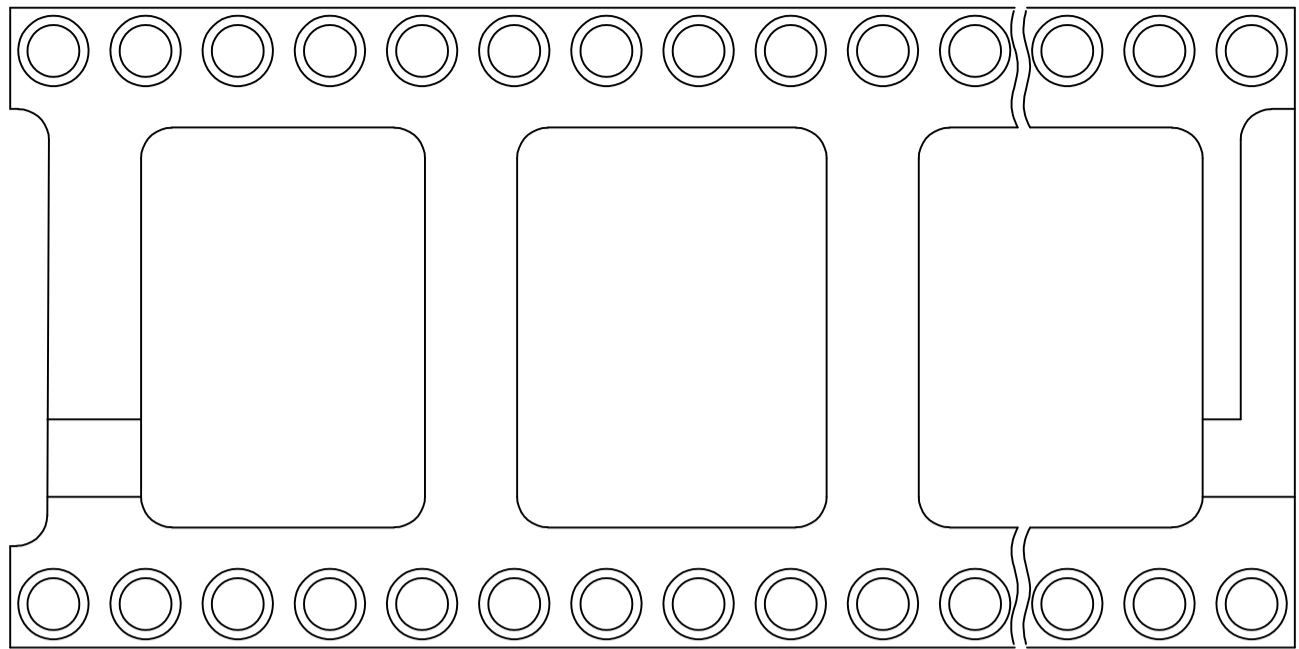


FIG. 2

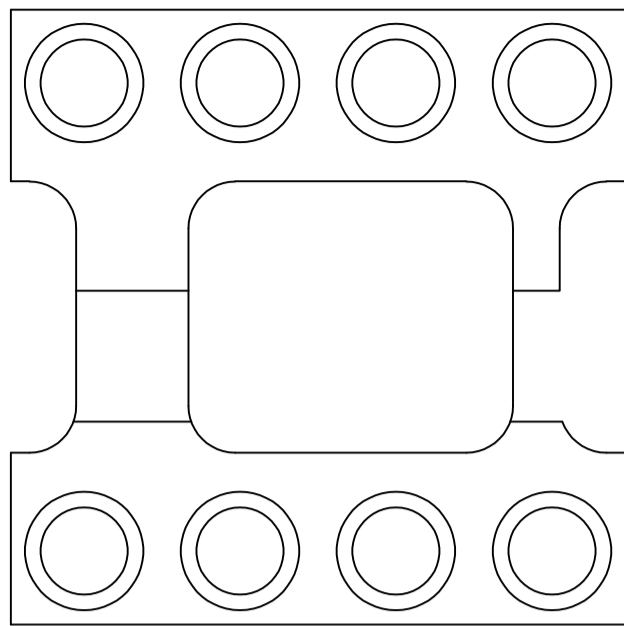
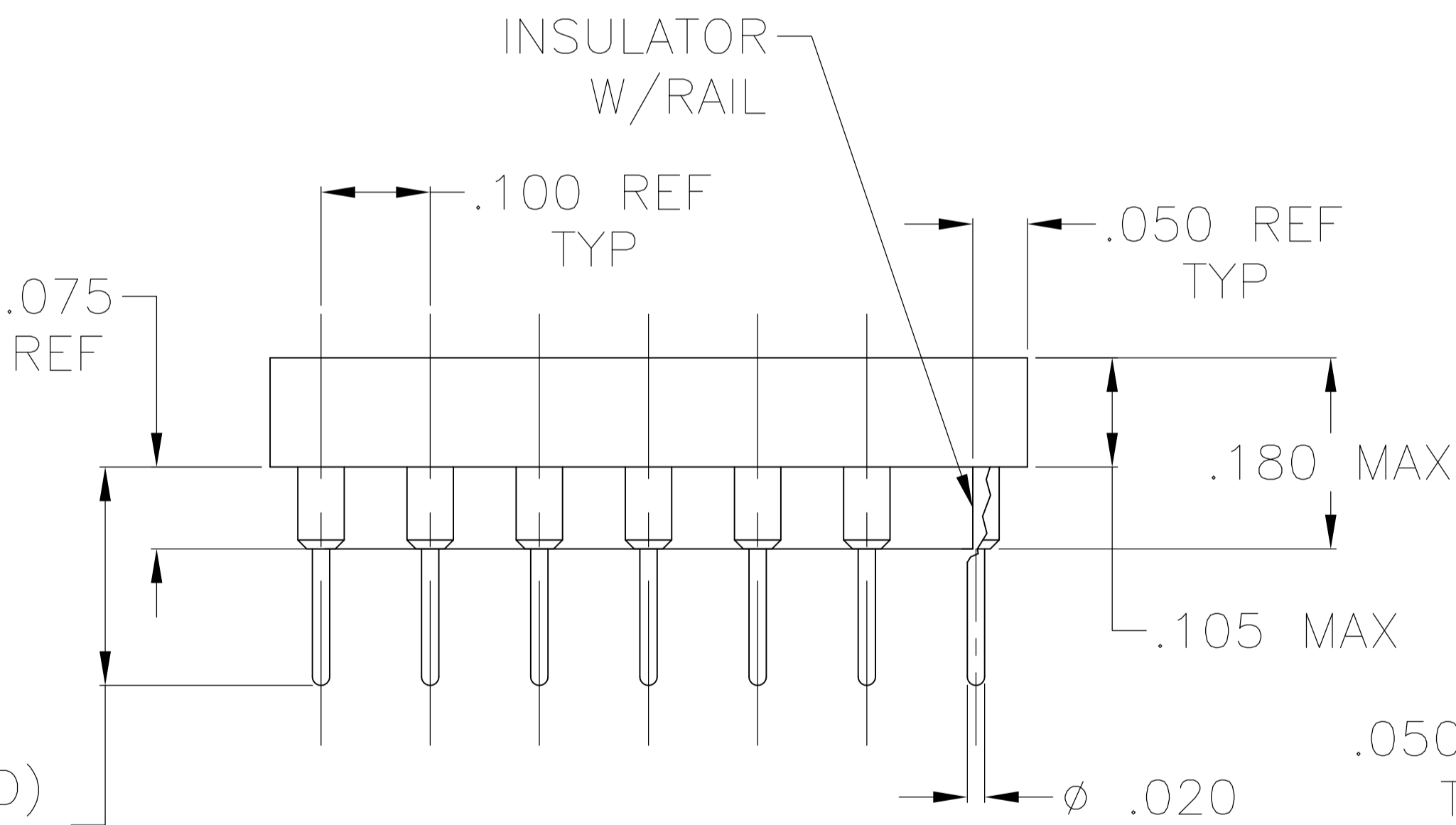
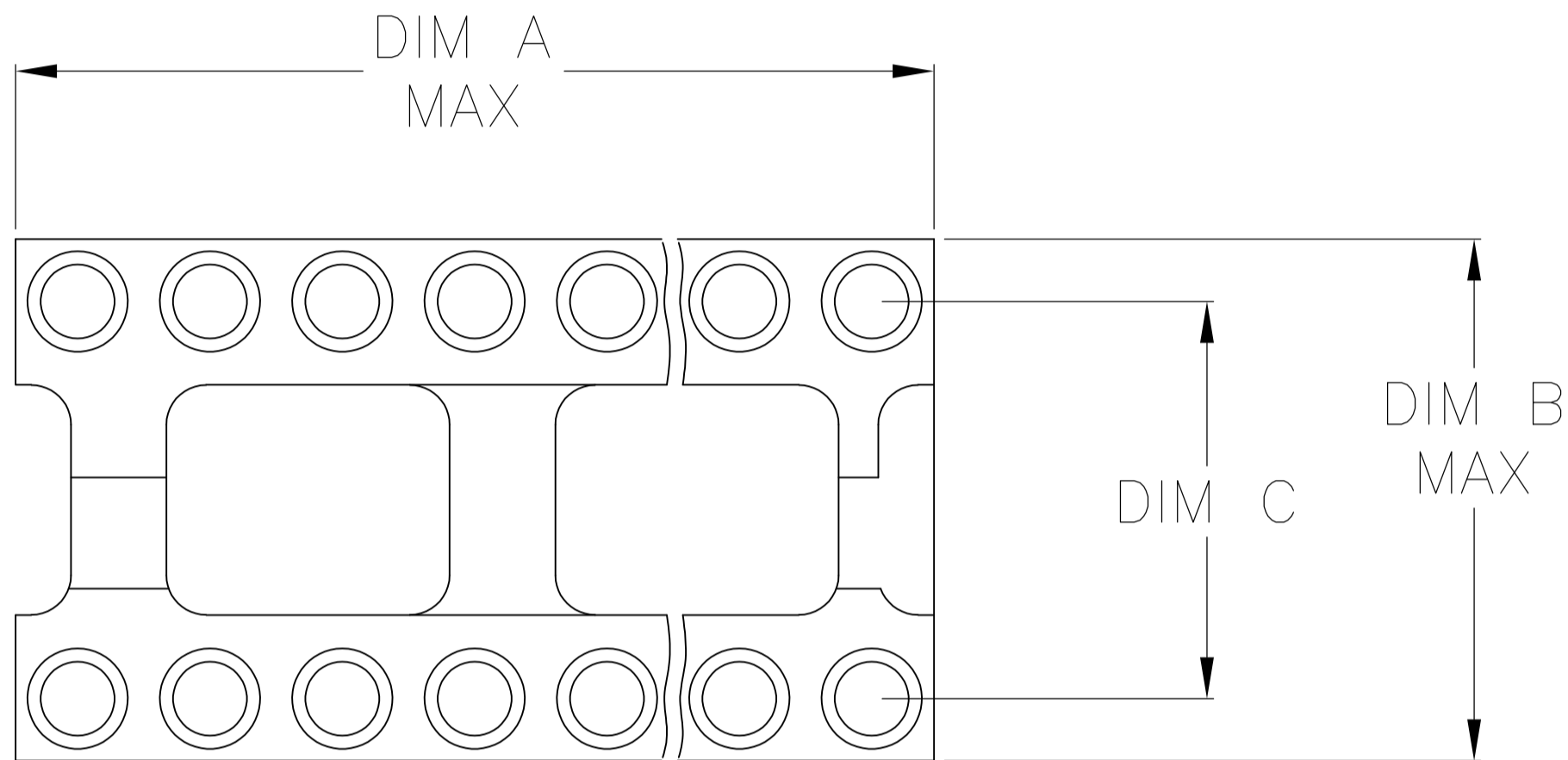
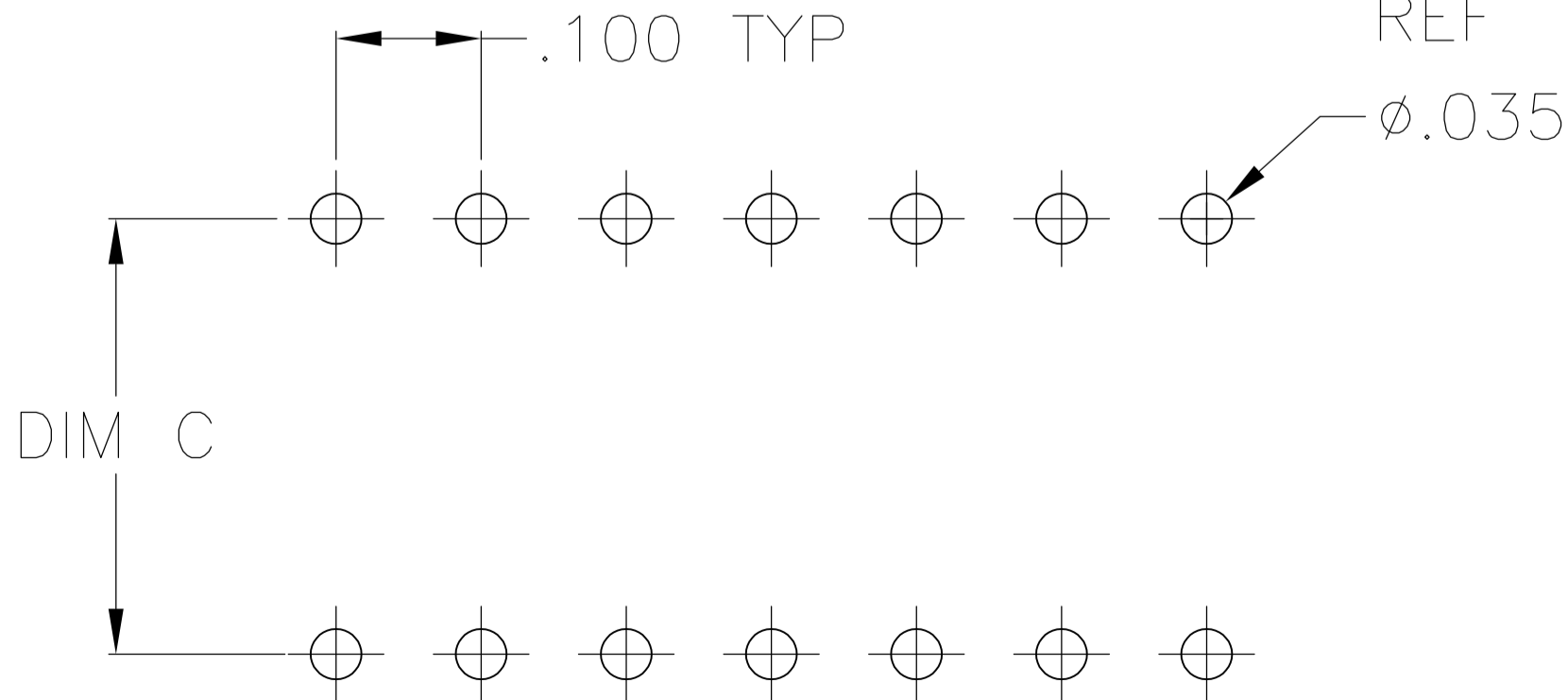


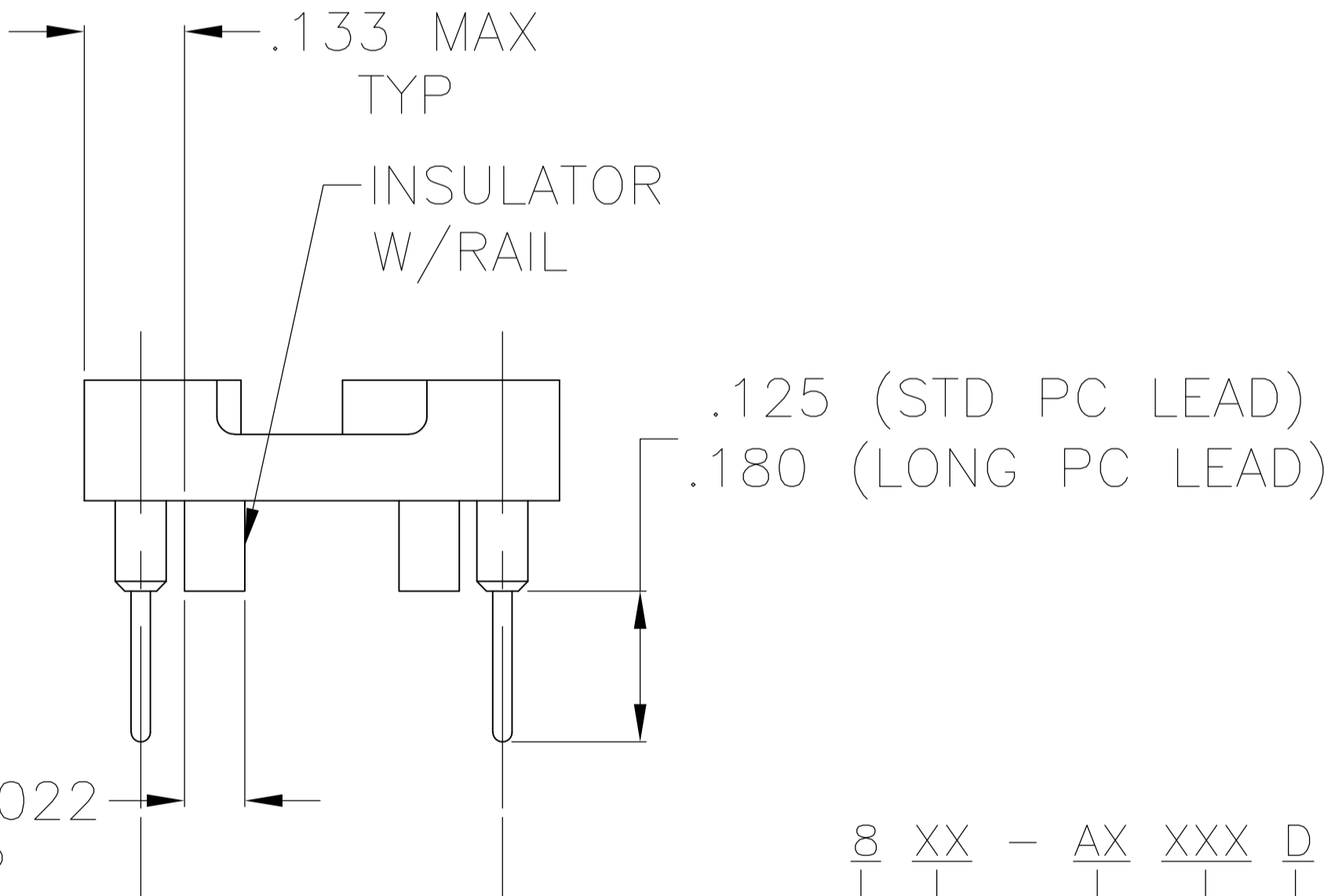
FIG. 3
(8 POS ONLY)



.210/.180
(STD .125 PC LEAD)
.265/.235
(LONG .180 PC LEAD)



P.C.B. HOLE LAYOUT
TOLERANCE $\pm .003$



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
DIMENSIONS: INCHES		CHK K WRIGHT	06MAY04	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD K WRIGHT	06MAY04	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± -		PRODUCT SPEC		
MATERIAL -		FINISH -		NAME DIP SOCKET, 800 SERIES
		APPLICATION SPEC		SIZE A1
		WEIGHT -		CAGE CODE 00779
				DRAWING NO 1437539-2
				RESTRICTED TO -
		CUSTOMER DRAWING		SCALE 1:1
				SHEET 1 OF 4
				REV A4

8

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LOC

DIST

AD

00

REV

DATE

BY

APPROVED

DESCRIPTION

SEE SHEET 1

800 SERIES MACHINED PREMIUM
CONTACT LEAD FREE PART NUMBER TABLE

OBSOLETE	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
	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					1	824-AG33D	8-1437539-2
	HIGH RETENTION					1	824-AG338D	9-1437537-4
	HIGH RETENTION					1	824-AG334D	9-1437537-3
	-		.295/.305	.400	1.200	1	824-AG32D	9-1437537-2
	-					1	824-AG31D	8-1437537-9
	-					1	824-AG30D	8-1437537-7
	-		.395/.405	.500	1.200	1	824-AG14D	8-1437537-6
	-					1	824-AG12D	8-1437537-5
	-		.595/.605	.700	1.200	1	824-AG11D	8-1437537-2
	-					1	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.

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CHK K WRIGHT 06MAY04

APVD K WRIGHT 06MAY04

NAME

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .005

4 PLC ± -

ANGLES ± -

MATERIAL -

FINISH -

WEIGHT -

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
OBSOLETE	-		.595/.605	.700	2.100	2	848-AG10D	3-1437538-9
OBSOLETE	-						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.

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DWN R BROWN 06MAY04

CHK K WRIGHT 06MAY04

APVD K WRIGHT 06MAY04

NAME

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DIMENSIONS: INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± .005

4 PLC ± -

ANGLES ± -

MATERIAL -

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WEIGHT -

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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
OBSOLETE	-		.595/.605	.700	2.100	2	848-AG10D	3-1437538-9
OBSOLETE	-						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
	-							

800 SERIES STAMPED ECONOMY
CONTACT LEAD FREE PART NUMBER TABLE

OBSOLETE	W/RAILS		.595/.605	.700	2.400	2	848-AR11D-ES-LF	8-1437540-0
OBSOLETE	W/RAILS						840-AR12D-ES-LF	6-6447099-8
OBSOLETE	W/RAILS						840-AR11D-ESL-LF	7-1437540-2
OBSOLETE	W/RAILS		.595/.605	.700	2.000	2	840-AR11D-ES-LF	7-1437540-1
	.180 PC LEAD						840-AG44D-ESL-LF	7-1437540-0
OBSOLETE	W/RAILS						832-AR11D-ESL-LF	0-6437540-9
OBSOLETE	W/RAILS						832-AR11D-ES-LF	0-6437540-8
	.180 PC LEAD		.595/.605	.700	1.600	2	832-AG44D-ES-LF	0-6437540-7
	.180 PC LEAD						832-AG43D-ES-LF	0-6437540-6
OBSOLETE	.180 PC LEAD W/RAILS						828-AR44D-ESL-LF	9-6437539-8
OBSOLETE	W/RAILS		.595/.605	.700	1.400	1	828-AR12D-ES-LF	6-6447099-7
OBSOLETE	W/RAILS						828-AR11D-ES-LF	9-6437539-6
	.180 PC LEAD						828-AG44D-ES-LF	9-6437539-5
OBSOLETE	.180 PC LEAD W/RAILS		.295/.305	.400	1.200	1	824-AR47D-ESL-LF	8-6437533-3
OBSOLETE	W/RAILS		.295/.305	.400	1.200	1	824-AR31D-ES-LF	8-6437539-7
OBSOLETE	W/RAILS		.595/.605	.700	1.200	1	824-AR12D-ES-LF	6-6447099-6
	.180 PC LEAD		.595/.605	.700	1.200	1	824-AG44D-ESL-LF	8-6437539-3
	.180 PC LEAD		.395/.405	.500	1.100	1	822-AG44D-ES-LF	6-6437539-5
OBSOLETE	W/RAILS		.295/.305	.400	1.000	1	820-AR11D-ESL-LF	5-6437539-8
OBSOLETE	W/RAILS						820-AR11D-ES-LF	5-6437539-7
OBSOLETE	W/RAILS						816-AR11D-ESL-LF	3-6437539-5
OBSOLETE	W/RAILS						816-AR11D-ES-LF	3-6437539-4
	.180 PC LEAD		.295/.305	.400	.800	1	816-AG44D-ESL-LF	3-6437539-2
OBSOLETE	W/RAILS		.295/.305	.400	.700	1	814-AR11D-ES-LF	2-6437539-2
OBSOLETE	W/RAILS						808-AR11D-ES-LF	1-6437539-0
	.180 PC LEAD		.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

OBSOLETE	.180 PC LEAD W/RAILS		.295/.305	.400	1.200	1	824-AR47D-ESL	8-1437533-3
SUPERSEDED	.180 PC LEAD W/RAILS S/B 8-1437539-3		.595/.605	.700	1.200	1	824-AR44D-ESL	8-1437533-2
OBSOLETE	W/RAILS		.295/.305	.400	1.200	1	824-AR31D-ESL	3-1437540-9
OBSOLETE	W/RAILS						824-AR31D-ES	8-1437539-7
OBSOLETE	W/RAILS						824-AR12D-ES	6-1447099-6
OBSOLETE	W/RAILS		.595/.605	.700	1.200	1	824-AR11D-ESL	8-1437539-6
OBSOLETE	W/RAILS						824-AR11D-ES	8-1437539-5
	-		.395/.405	.500	1.200	1	824-AG66D-ESL	8-1437539-4
	-						824-AG65D-ES	0-1571180-1
OBSOLETE	.180 PC LEAD		.595/.605	.700	1.200	1	824-AG44D-ESL	8-1437539-3
	-						824-AG32D-ES	8-1437539-1
	-						824-AG31D-ESL	7-1437539-7
	-		.295/.305	.400	1.200	1	824-AG31D-ES	7-1437539-6
	-						824-AG30D-ESL	7-1437539-4
	-						824-AG30D-ES	7-1437539-3
	-						824-AG12D-ES	7-1437539-2
	-		.595/.605	.700	1.200	1	824-AG11D-ESL	7-1437539-0
	-						824-AG11D-ES	6-1437539-9
	-						824-AG10D-ES	6-1437539-7
OBSOLETE	.180 PC LEAD						822-AG44D-ES	6-1437539-5
	-						822-AG12D-ES	6-1437539-4
	-		.395/.405	.500	1.100	1	822-AG11D-ESL	6-1437539-3
	-						822-AG11D-ES	6-1437539-2
OBSOLETE	-						822-AG10D-ES	6-1437539-0
SUPERSEDED	.180 PC LEAD W/RAILS S/B 7-1437537-4						820-AR44D-ESL	7-1437533-1
OBSOLETE	W/RAILS						820-AR11D-ESL	5-1437539-8
OBSOLETE	W/RAILS		.295/.305	.400	1.000	1	820-AR11D-ES	5-1437539-7
	.180 PC LEAD S/B 7-1437537-4						820-AG44D-ES	7-1437533-0
	-						820-AG12D-ES	5-1437539-6
	-						820-AG11D-ESL	5-1437539-3
	-						820-AG11D-ES	5-1437539-2
	-						820-AG10D-ES	5-1437539-0
	.180 PC LEAD W/RAILS S/B 4-1437539-9						818-AR44D-ESL	6-1437533-4
OBSOLETE	W/RAILS						818-AR11D-ESL	4-1437539-8
OBSOLETE	W/RAILS						818-AR11D-ES	4-1437539-7
	.180 PC LEAD S/B 6-1437537-1		.295/.305	.400	.900	1	818-AG44D-ESL	6-1437533-3
	-						818-AG12D-ES	4-1437539-6
	-						818-AG11D-ESL	4-1437539-4
	-						818-AG11D-ES	4-1437539-3
	-						818-AG10D-ES	4-1437539-1
OBSOLETE	-						816-AR11D-ESL	3-1437539-5
OBSOLETE	W/RAILS						816-AR11D-ES	3-1437539-4
OBSOLETE	W/RAILS		.295/.305	.400	.800	1	816-AG45D-ES	3-1437539-3
	.180 PC LEAD						816-AG44D-ESL	3-1437539-2
	.180 PC LEAD						816-AG12D-ES	3-1437539-1
	-						816-AG11D-ESL	2-1437539-9
	-						816-AG11D-ES	2-1437539-8
	-						816-AG10D-ES	2-1437539-6
	.180 PC LEAD, W/RAILS S/B 3-1437537-3						814-AR44D-ESL	5-1437533-3
OBSOLETE	W/RAILS						814-AR11D-ESL	2-1437539-3
OBSOLETE	W/RAILS						814-AR11D-ES	2-1437539-2
SUPERSEDED	.180 PC LEAD		.295/.305	.400	.700	1	814-AG45D-ES	2-1437539-1
	.180 PC LEAD S/B 3-1437537-3						814-AG44D-ESL	4-1437540-5
	-						814-AG12D-ES	2-1437539-0
	-						814-AG11D-ESL	1-1437539-7
	-						814-AG11D-ES	1-1437539-6
	-						814-AG10D-ES	1-1437539-4
	.180 PC W/RAILS, S/B 1437539-9						808-AR44D-ESL	3-1437533-1
OBSOLETE	W/RAILS						808-AR11D-ESL	1-1437539-1
	W/RAILS						808-AR11D-ES	1-1437539-0
OBSOLETE	.180 PC LEAD		.295/.305	.400	.400	1	808-AG44D-ESL	0-1437539-9
OBSOLETE	.180 PC LEAD						808-AG43D-ES	1-1437537-6
	-						808-AG12D-ES	0-1437539-8
	-						808-AG11D-ESL	0-1437539-6
	-						808-AG11D-ES	0-1437539-5
	-						808-AG10D-ES	0-1437539-2
	S/B 7-1437529-1		.295/.305	.400	.300	1	806-AG12D-ES	2-1437533-8
	S/B 1437535-8						806-AG11D-ESL	8-1437536-5
	S/B 1437535-7						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

OBSOLETE	-						864-AG12D-ES	5-1437538-3
	-		.895/.905	1.000	3.200	2	864-AG11D-ESL	5-1437538-0
	-						864-AG11D-ES	4-1437538-9
OBSOLETE	-						864-AG10D-ES	3-1437540-2
OBSOLETE	W/RAILS						848-AR11D-ESL	6-1437540-2
OBSOLETE	W/RAILS						848-AR11D-ES	3-1437540-0
	-		.595/.605	.700	2.400	2	848-AG12D-ES	2-1437540-8
	-						848-AG11D-ESL	4-1437538-2
OBSOLETE	-						848-AG11D-ES	2-1437540-6
	-						848-AG10D-ES	2-1437540-5
	-		.595/.605	.700	2.100	2	842-AG11D-ESL	2-1437540-4
	-						842-AG11D-ES	2-1437540-3
OBSOLETE	.180 PC LEAD W/RAILS S/B 2-1437540-0						840-AR44D-ESL	0-1437534-7
OBSOLETE	W/RAILS						840-AR12D-ES	6-1447099-8
OBSOLETE	W/RAILS						840-AR11D-ESL	2-1437540-2
OBSOLETE	W/RAILS		.595/.605	.700	2.000	2	840-AR11D-ES	2-1437540-1
	.180 PC LEAD						840-AG44D-ESL	2-1437540-0
	-						840-AG12D-ES	1-1437540-9
	-						840-AG11D-ESL	1-1437540-7
	-						840-AG11D-ES	1-1437540-6
	-						840-AG10D-ES	1-1437540-4
OBSOLETE	-		.595/.605	.700	1.800	2	836-AG12D-ES	1-1437540-2
	-						836-AG11D-ESL	1-1437540-1
	-						836-AG11D-ES	1-1437540-0
OBSOLETE	W/RAILS						832-AR11D-ESL	0-1437540-9
OBSOLETE	W/RAILS						832-AR11D-ES	0-1437540-8
	.180 PC LEAD S/B 1437540-1						832-AG45D-ESL	6-1437538-0
	.180 PC LEAD S/B 1437540-7		.595/.605	.700	1.600	2	832-AG44D-ESL	9-1437533-5
OBSOLETE	.180 PC LEAD						832-AG44D-ES	0-1437540-7
	.180 PC LEAD						832-AG43D-ES	0-1437540-6
	-						832-AG12D-ES	0-1437540-5
	-						832-AG11D-ESL	0-1437540-3
	-						832-AG11D-ES	0-1437540-2
	-						832-AG10D-ES	0-1437540-1
OBSOLETE	.180 PC LEAD W/RAILS						828-AR44D-ESL	9-1437539-8
OBSOLETE	W/RAILS						828-AR12D-ES	6-1447099-7
OBSOLETE	W/RAILS						828-AR11D-ESL	9-1437539-7
OBSOLETE	W/RAILS						828-AR11D-ES	9-1437539-6
OBSOLETE	.180 PC LEAD		.595/.605	.700	1.400	1	828-AG44D-ES	9-1437539-5
	-						828-AG12D-ES	9-1437539-4
	-						828-AG11D-ESL	9-1437539-2
	-						828-AG11D-ES	9-1437539-1
	-						828-AG10D-ES	8-1437539-9
COMMENTS		PLATING	C	B	A	FIG	AUGAT PART NO.	TE PART NO.

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

















SEE SHEET 1

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

























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

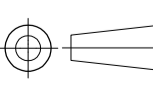
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S/B 3-1437540-1		.895/.905	1.000	3.200	2	1064-AG10D	2-1437529-3
S/B 3-1437538-0		.595/.605	.700	2.000	2	1040-AG11D	2-1437529-2
S/B 2-1437538-2		.595/.605	.700	1.600	2	1032-AG11D	2-1437529-1
S/B 1437538-4		.595/.605	.700	1.400	1	1028-AG11D	1-1437529-9
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		.295/.305	.400	.900	1	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		.295/.305	.400	.900	1	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		.295/.305	.400	.800	1	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		.295/.305	.400	.700	1	1014-AG10D	0-1437529-6
S/B 1437537-8		.295/.305	.400	.400	3	1008-AG11D	0-1437529-5
S/B 1437537-5		.295/.305	.400	.400	3	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		.595/.605	.700	2.400	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		.595/.605	.700	2.000	2	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		.595/.605	.700	1.400	1	1828-AG111D	4-1437529-3
S/B 3-1437540-9 W/RAILS		.295/.305	.400	1.200	1	1824-AR131D	4-1437529-2
<div>OBSOLETE</div> S/B 8-1437539-6 W/RAILS		.595/.605	.700	1.200	1	1824-AR111D	4-1437529-1
<div>OBSOLETE</div> 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
<div>SUPERSEDED</div> S/B 5-1437539-3		.295/.305	.400	1.000	1	1820-AG111D	0-1437537-3
S/B 4-1437539-8 W/RAILS		.295/.305	.400	.900	1	1818-AR11D	3-1437529-5
S/B 4-1437539-4		.295/.305	.400	.900	1	1818-AG111D	3-1437529-3
<div>OBSOLETE</div> S/B 3-1437539-5 W/RAILS		.295/.305	.400	.800	1	1816-AR111D	3-1437529-2
S/B 2-1437539-9		.295/.305	.400	.800	1	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		.295/.305	.400	.700	1	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		.295/.305	.400	.400	3	1808-AG111D	2-1437529-5
<div>OBSOLETE</div> S/B 1437535-8		.295/.305	.400	.300		1806-AG111D	0-1437535-2
COMMENTS	PLATING	C	B	A	FIG	AUGAT PART NO.	TE PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: INCHES



TOLERANCES UNLESS OTHERWISE SPECIFIED:

0. PLC ± .005
1. PLC ± .005
2. PLC ± .005
3. PLC ± .005
4. PLC ± .005
ANGLES ± .005
FINISH —

MATERIAL —

FINISH —

DWN R BROWN 06MAY04

CHK K WRIGHT 06MAY04

APVD K WRIGHT 06MAY04

PRODUCT SPEC —

APPLICATION SPEC —

WEIGHT —

CUSTOMER DRAWING

Tyco Electronics Corporation

Harriaburg, Pa 17105-3608

NAME

DIP SOCKET, 800 SERIES

SIZE CAGE CODE DRAWING NO

RESTRICTED TO

SCALE 1:1

SHEET 4 OF 4

REV A4

00779

1437539-2

AMP 4805 REV 31MAR2000

Mouser Electronics

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