



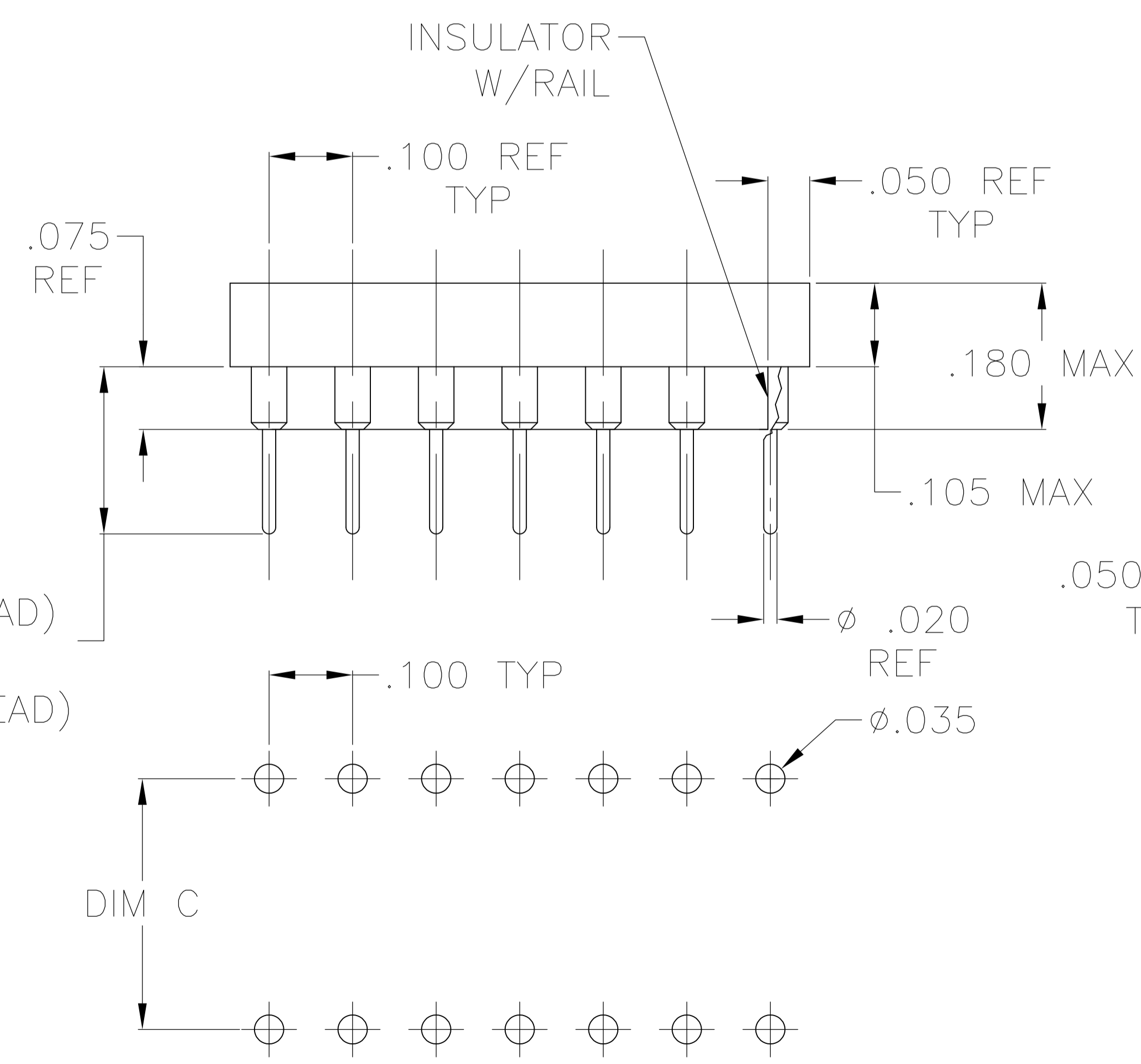
FIG. 1



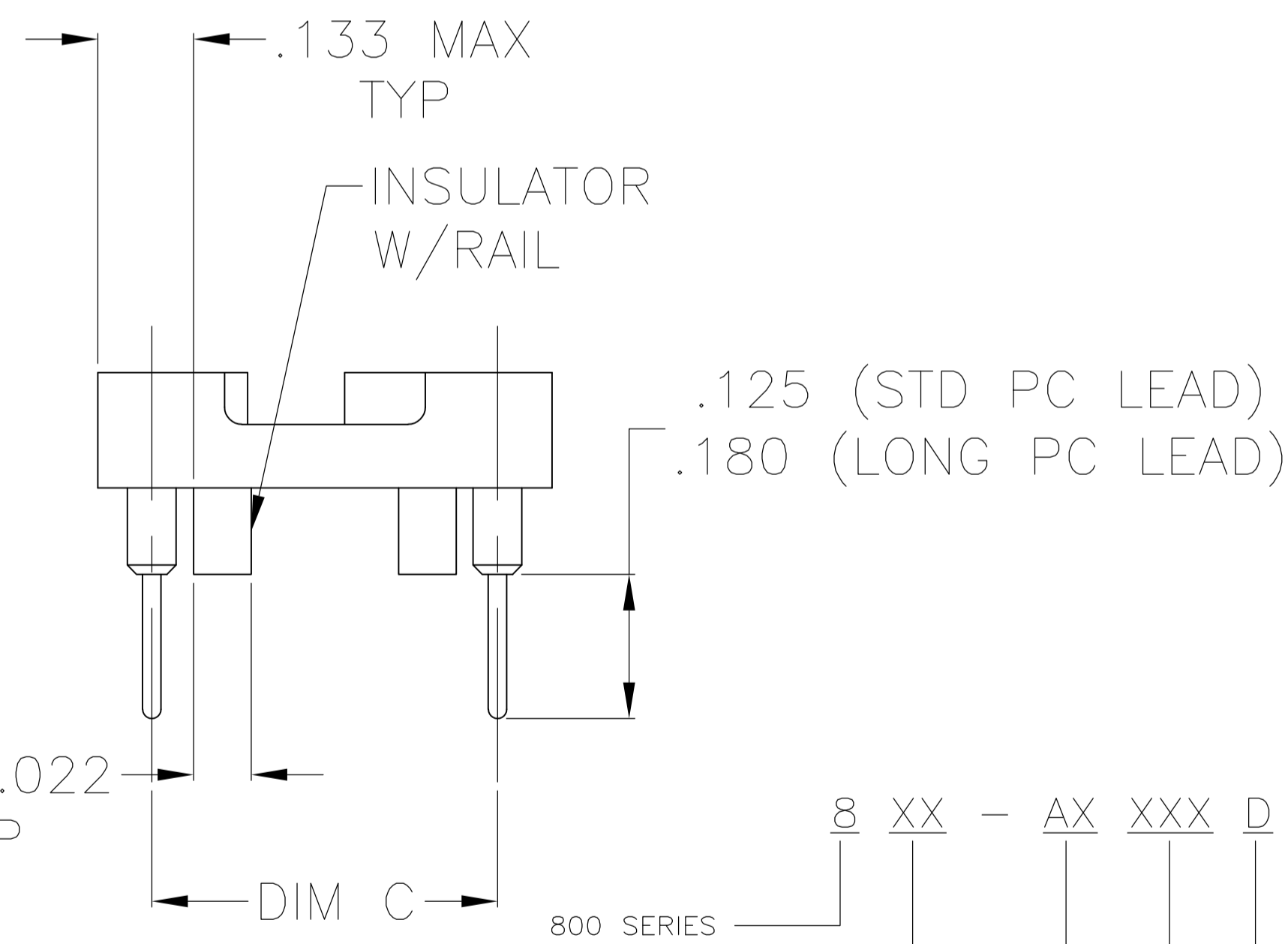
FIG. 2



FIG. 3
(8 POS ONLY)



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



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.		DIN R BROWN 06MAY04	Tyco Electronics Tyco Electronics Corporation Harrisburg, Pa 17105-3608
DIMENSIONS: INCHES		CHK K WRIGHT 06MAY04	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD K WRIGHT 06MAY04	NAME
0 PLC ± -	1 PLC ± -	PRODUCT SPEC	DIP SOCKET, 800 SERIES
2 PLC ± -	3 PLC ± .005	APPLICATION SPEC	SIZE CAGE CODE DRAWING NO
4 PLC ± -	ANGLES ± -	WEIGHT	A1 00779 ©=1437539-2
MATERIAL	FINISH	CUSTOMER DRAWING	RESTRICTED TO
		SCALE 1:1	SHEET 1 OF 4
		REV A3	

800 SERIES MACHINED PREMIUM CONTACT LEAD FREE PART NUMBER TABLE

COMMENTS	PLATING	C	B	A	FIG	AUGAT PART NO.	TE PART NO.
						864-AG34D-LF	5-6437538-4
						848-AG34D-LF	9-1437538-5
OBSOLETE						840-AR11D-LF	8-1437538-6
						840-AG43D-LF	8-1437538-4
						840-AG34D-LF	8-1437538-3
						832-AG38D-LF	9-6437533-4
						832-AG34D-LF	2-6437538-5
OBSOLETE						828-AR12D-LF	6-6437538-9
OBSOLETE						828-AR11D-LF	1-6437538-6
						828-AG43D-LF	6437538-4
						828-AG34D-LF	1-6437538-3
OBSOLETE						824-AR31D-LF	5-6437538-1
OBSOLETE						824-AR11D-LF	9-6437537-9
						824-AG47D-LF	9-6437537-7
OBSOLETE						824-AG446D-LF	9-6437537-6
						824-AG34D-LF	9-6437537-5
						824-AG338D-LF	9-6437537-4
						824-AG334D-LF	9-6437537-3
						820-AG43D-LF	7-6437537-3
						820-AG34D-LF	7-6437537-2
OBSOLETE						818-AR44D-LF	4-6437539-9
OBSOLETE						818-AR11D-LF	6-6437537-2
OBSOLETE						816-AR11D-LF	5-6437537-4
						816-AG34D-LF	5-6437537-1
OBSOLETE						814-AR11D-LF	3-6437537-5
						814-AG43D-LF	3-6437537-2
						814-AG34D-LF	3-6437537-1
OBSOLETE						808-AR11D-LF	1-6437537-9
						808-AG43D-LF	6437537-5
						808-AG34D-LF	6437537-4

800 SERIES MACHINED PREMIUM CONTACT PART NUMBER TABLE

COMMENTS	PLATING	C	B	A	FIG	AUGAT PART NO.	TE PART NO.
						824-AR31D	0-1437538-1
OBSOLETE						824-AR11D	9-1437537-9
OBSOLETE						824-AG66D	9-1437537-8
						824-AG47D	9-1437537-7
						824-AG45D	6-1437538-6
						824-AG446D	9-1437537-6
						824-AG34D	9-1437537-5
						824-AG33D	8-1437539-2
						824-AG338D	9-1437537-4
						824-AG334D	9-1437537-3
						824-AG32D	9-1437537-2
						824-AG31D	8-1437537-9
						824-AG30D	8-1437537-7
						824-AG14D	8-1437537-6
						824-AG12D	8-1437537-5
						824-AG11D	8-1437537-2
						824-AG10D	8-1437537-1
						822-AG11D	7-1437537-8
						822-AG10D	7-1437537-7
						820-AR11D	7-1437537-6
						820-AG45D	7-1437537-5
						820-AG44D	7-1437537-4
						820-AG43D	7-1437537-3
						820-AG34D	7-1437537-2
						820-AG12D	6-1437537-9
						820-AG11D	6-1437537-6
						820-AG10D	6-1437537-4
						818-AR44D	4-1437539-9
						818-AR11D	6-1437537-2
						818-AG44D	6-1437537-1
						818-AG34D	5-1437538-8
						818-AG12D	6-1437537-0
						818-AG11D	5-1437537-7
						818-AG10D	5-1437537-6
						816-AR11D	5-1437537-4
						816-AG45D	5-1437537-3
						816-AG44D	5-1437537-2
						816-AG34D	5-1437537-1
						816-AG33D	5-1437537-0
						816-AG12D	4-1437537-6
						816-AG11D	4-1437537-0
						816-AG10D	3-1437537-7
						814-AR44D	5-1437533-2
						814-AR11D	3-1437537-5
						814-AG45D	3-1437537-4
						814-AG44D	3-1437537-3
						814-AG34D	3-1437537-2
						814-AG33D	3-1437537-1
						814-AG12D	2-1437537-9
						814-AG11D	2-1437537-4
						814-AG10D	2-1437537-1
						808-AR11D	1-1437537-9
						808-AG45D	1-1437537-8
						808-AG44D	1-1437537-7
						808-AG43D	1-1437537-5
						808-AG34D	1-1437537-4
						808-AG12D	1-1437537-2
						808-AG11D	0-1437537-8
						808-AG10D	0-1437537-5
						806-AG11D	2-1437533-5
						806-AG10D	2-1437533-3

800 SERIES MACHINED PREMIUM CONTACT PART NUMBER TABLE

COMMENTS	PLATING	C	B	A	FIG	AUGAT PART NO.	TE PART NO.
						864-AG34D	5-1437538-4
						864-AG12D	5-1437538-2
						864-AG11D	4-1437538-8
						864-AG10D	3-1437540-1
OBSOLETE						848-AR11D	4-1437538-6
OBSOLETE						848-AG34D	4-1437538-5
OBSOLETE						848-AG12D	4-1437538-4
						848-AG11D	4-1437538-1
						848-AG10D	3-1437538-9
OBSOLETE						842-AG12D	3-1437538-8
OBSOLETE						842-AG11D	3-1437538-7
						840-AR11D	3-1437538-6
						840-AG44D	3-1437538-5
						840-AG43D	3-1437538-4
						840-AG34D	3-1437538-3
						840-AG12D	3-1437538-2
						840-AG11D	3-1437538-0
						840-AG10D	2-1437538-9
						836-AG11D	2-1437538-7
						832-AR12D	9-1437533-7
						832-AG38D	9-1437533-4
OBSOLETE						832-AG34D	2-1437538-5
						832-AG12D	2-1437538-4
						832-AG11D	2-1437538-2
						832-AG10D	2-1437538-1
						828-AR12D	6-1437538-9
OBSOLETE						828-AR11D	1-1437538-6
						828-AG44D	1-1437538-5
OBSOLETE						828-AG43D	1-1437538-4
						828-AG34D	1-1437538-3
						828-AG12D	1-1437538-0
						828-AG11D	0-1437538-4
						828-AG10D	0-1437538-3

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DIN R BROWN O6MAY04
CHK K WRIGHT O6MAY04
APVD K WRIGHT O6MAY04

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

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NAME: DIP SOCKET, 800 SERIES

SIZE: A1 CASE CODE: 00779 DRAWING NO: 1437539-2

RESTRICTED TO: CUSTOMER DRAWING SCALE: 1:1 SHEET: 2 OF 4 REV: A3

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

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

1800 SERIES MACHINED PREMIUM CONTACT, LOW GOLD PART NUMBER TABLE

	S/B 5-1437538-0	△10	.895/.905	1.000	3.200	2	1864-AG111D	5-1437529-1
	S/B 6-1437540-2 W/RAILS	△10	.595/.605	.700	2.400	2	1848-AR111D	5-1437529-0
	S/B 4-1437538-2	△10	.595/.605	.700	2.100	2	1848-AG111D	4-1437529-9
	S/B 2-1437540-4	△10	.595/.605	.700	2.100	2	1842-AG111D	4-1437529-8
	S/B 2-1437540-2 W/RAILS	△10	.595/.605	.700	2.000	2	1840-AR111D	4-1437529-7
	S/B 1-1437540-7	△10	.595/.605	.700	2.000	2	1840-AG111D	4-1437529-6
	S/B 1437540-3	△10	.595/.605	.700	1.600	2	1832-AG111D	4-1437529-5
	S/B 9-1437539-7 W/RAILS	△10	.595/.605	.700	1.400	1	1828-AR111D	4-1437529-4
	S/B 9-1437539-2	△10	.595/.605	.700	1.400	1	1828-AG111D	4-1437529-3
	S/B 3-1437540-9 W/RAILS	△10	.295/.305	.400	1.200	1	1824-AR131D	4-1437529-2
OBSOLETE	S/B 8-1437539-6 W/RAILS	△10	.595/.605	.700	1.200	1	1824-AR111D	4-1437529-1
OBSOLETE	S/B 8-1437539-4	△10	.395/.405	.500	1.200	1	1824-AG141D	4-1437529-0
	S/B 7-1437539-7	△10	.295/.305	.400	1.200	1	1824-AG131D	3-1437529-9
	S/B 7-1437539-0	△10	.595/.605	.700	1.200	1	1824-AG111D	3-1437529-8
	S/B 6-1437539-3	△10	.395/.405	.500	1.100	1	1822-AG111D	3-1437529-7
	S/B 5-1437539-8 W/RAILS	△10	.295/.305	.400	1.000	1	1820-AR111D	3-1437529-6
SUPERSEDED	S/B 5-1437539-3	△10	.295/.305	.400	1.000	1	1820-AG111D	3-1437529-5
	S/B 4-1437539-8 W/RAILS	△10	.295/.305	.400	.900	1	1818-AR111D	3-1437529-5
	S/B 4-1437539-4	△10	.295/.305	.400	.900	1	1818-AG111D	3-1437529-3
OBSOLETE	S/B 3-1437539-5 W/RAILS	△10	.295/.305	.400	.800	1	1816-AR111D	3-1437529-2
	S/B 2-1437539-9	△10	.295/.305	.400	.800	1	1816-AG111D	3-1437529-1
	S/B 2-1437539-3 W/RAILS	△10	.295/.305	.400	.700	1	1814-AR111D	3-1437529-0
	S/B 1-1437539-7	△10	.295/.305	.400	.700	1	1814-AG111D	2-1437529-9
	S/B 1-1437539-1 W/RAILS	△10	.295/.305	.400	.400	3	1808-AR111D	2-1437529-6
	S/B 1437539-6	△10	.295/.305	.400	.400	3	1808-AG111D	2-1437529-5
OBSOLETE	S/B 1437539-8	△10	.295/.305	.400	.300		1806-AG111D	0-1437535-2

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DIMENSIONS: INCHES		CHK K WRIGHT 06MAY04	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD K WRIGHT 06MAY04	PRODUCT SPEC	
0 PLC ± .005		APPLICATION SPEC		
1 PLC ± .005		SIZE CASE CODE DRAWING NO		
2 PLC ± .005		WEIGHT		
3 PLC ± .005		A1 00779 1437539-2		
4 PLC ± .005		CUSTOMER DRAWING		
ANGLES ± .005		SCALE 1:1 SHEET 4 OF 4 REV A3		

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Мы предлагаем:

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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
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- Работу по проектам и поставку образцов.
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- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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