

LOC		DIST		REVISIONS			
AD	00	REV	DATE	DESCRIPTION	DATE	BY	APPV
A3		REVISED PER ECO-10-019941	16FEB11			HMR	MM



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 ±.003

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12 806-AGXXD-XXX SERIES IS SUPERSEDED BY 506-AGXXD-XXX SERIES (REFER TO CUSTOMER DRAWING 1437532-2)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

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)

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: DIP SOCKET, 800 SERIES
0 PLC ± -		PRODUCT SPEC	
1 PLC ± -		APPLICATION SPEC	SIZE: A1
2 PLC ± -		WEIGHT: -	CAGE CODE: 00779
3 PLC ± .005		CUSTOMER DRAWING	DRAWING NO: 1437539-2
4 PLC ± -		SCALE: 1:1	SHEET 1 OF 4
ANGLES ± -		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
						824-AR31D-LF	5-6437538-1
						824-AR11D-LF	9-6437537-9
OBSOLETE						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-AG43D	3-1437537-2
						814-AG34D	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
NAME

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0. PLC ± .005
1. PLC ± .005
2. PLC ± .005
3. PLC ± .005
4. PLC ± .005
ANGLES ± .5°

THIS DRAWING IS A CONTROLLED DOCUMENT.

APVD K WRIGHT O6MAY04
NAME

SIZE CASE CODE DRAWING NO
A1 00779 C=1437539-2

RESTRICTED TO

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

Tyco Electronics
Tyco Electronics Corporation
Harrisburg, Pa 17105-3608

DIP SOCKET,
800 SERIES

800 SERIES STAMPED ECONOMY CONTACT LEAD FREE PART NUMBER TABLE

Table with columns for COMMENTS, PLATING, C, B, A, FIG, AUGAT PART NO., and TE PART NO. containing various part numbers and specifications.

800 SERIES STAMPED ECONOMY CONTACT PART NUMBER TABLE

Table with columns for COMMENTS, PLATING, C, B, A, FIG, AUGAT PART NO., and TE PART NO. containing various part numbers and specifications.

800 SERIES STAMPED ECONOMY CONTACT PART NUMBER TABLE

Table with columns for COMMENTS, PLATING, C, B, A, FIG, AUGAT PART NO., and TE PART NO. containing various part numbers and specifications.

Technical drawing information including dimensions, tolerances, material, finish, weight, and customer drawing details.

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DIN R BROWN 06MAY04	Tyco Electronics Corporation Harrisburg, Pa 17105-3608	
DIMENSIONS: INCHES		CHK K WRIGHT 06MAY04	Tyco Electronics	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD K WRIGHT 06MAY04	NAME	
0 PLC ± -		PRODUCT SPEC		
1 PLC ± -		APPLICATION SPEC		
2 PLC ± -		SIZE CASE CODE DRAWING NO		
3 PLC ± .005		WEIGHT		
4 PLC ± -		A1 00779 1437539-2		
ANGLES ± -		CUSTOMER DRAWING		
MATERIAL - FINISH -		SCALE 1:1 SHEET 4 OF 4 REV A3		

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

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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