

AMP 4805 REV 31MAR2000

REVISIONS AD 00 DESCRIPTION DATE DWN APV 15NOV2019 TZ SL A4 REVISED PER ECR-19-017138 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 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 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) ENVIRONMENTAL: OPERATING TEMPERATURE: -55°C TO -105°C PLATING: 25µ" MIN GOLD OVER 50µ" MIN NICKEL CONTACT WITH 5μ" MIN GOLD OVER 50μ" MIN NICKEL SLEEVE. PLATING: 25µ" MIN GOLD OVER 50µ" MIN NICKEL CONTACT WITH 80μ" MIN TIN-LEAD OVER 50μ" MIN COPPER SLEEVE. PLATING: 80µ" MIN TIN-LEAD OVER 75µ" MIN COPPER CONTACT WITH 180µ" MIN TIN-LEAD OVER 75µ" MIN NICKEL SLEEVE. PLATING: 5μ" MIN GOLD FLASH OVER 50μ" MIN NICKEL CONTACT WITH 5µ" MIN GOLD FLASH OVER 50µ" MIN NICKEL SLEEVE. PLATING: 5µ" MIN GOLD FLASH OVER 50µ" MIN NICKEL CONTACT WITH 80µ" MIN TIN-LEAD OVER 50µ" MIN COPPER SLEEVE. PLATING: 7.5µ" MIN GOLD OVER 50µ" MIN NICKEL CONTACT WITH 80µ" MIN TIN-LEAD OVER 50µ" MIN COPPER SLEEVE. PRELIMINARY PART - NOT RELEASED FOR PRODUCTION. 806-AGXXD-XXX SERIES IS SUPERSEDED BY 506-AGXXD-XXX SERIES (REFER TO CUSTOMER DRAWING 1437532-2) PLATING: 25µ" MIN GOLD OVER 50µ" MIN NICKEL CONTACT WITH 80μ" MIN MATTE TIN OVER 50μ" MIN COPPER SLEEVE. PLATING: 80µ" MIN MATTE TIN OVER 75µ" MIN COPPER CONTACT WITH 180µ" MIN MATTE TIN OVER 75µ" MIN NICKEL SLEEVE. PLATING: 5μ" MIN GOLD FLASH OVER 50μ" MIN NICKEL CONTACT WITH 80µ" MIN MATTE TIN OVER 50µ" MIN COPPER SLEEVE. PLATING: 7.5µ" MIN GOLD OVER 50µ" MIN NICKEL CONTACT WITH  $80\mu$ " MIN MATTE TIN OVER  $50\mu$ " MIN COPPER SLEEVE. OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI BLANK = MACHINED CONTACTES = FORMED CONTACT, GOLD PLATE, NOTE 1 ESL = FORMED CONTACT, LOW GOLD PLATE,  $5\mu$ IN MAX ---- D = PC TAIL STANDARDLSG STYLE AND TAIL (ALMOST RUN THE LENGTH UNDER THE INSULATOR INSIDE THE CONTACT ROWS, .075 REF HIGH & .045 REF WIDE) **₽**Тусо Tyco Electronics Corporation 06MAY04 Harrisburg, Pa 17105-3608 Électronics WRIGH

 

 TOLERANCES UNLESS OTHERWISE SPECIFIED:
 NOTHERWISE SPECIFIED:

 O PLC
 ±
 DIP SOCKET, 800 SERIES

 0 PLC
 ±
 800 SERIES

 2 PLC
 ±
 800 SERIES

 3 PLC
 ±
 SIZE
 CAGE CODE
 DRAWING NO

 ANGLES
 ±
 SIZE
 CAGE CODE
 DRAWING NO

 FINISH
 A1
 00779
 C=1437539-2

 CUSTOMER DRAWING
 SCALE
 1:1
 SHEET
 1
 4
 REV

		800 SERI	ES MAG		<b>JED</b>	PRE	MIUM	
	CONT	ACT LEAD	FREE	PAF	RT N	UME	BER TABLE	
	HIGH RETENTION	13	.895/.905	1.000	3.200	2	864-AG34D-LF	5-6437538-4
	HIGH RETENTION	/13	.595/.605	.700	2.400	2	848-AG34D-LF	9-1437538-5
OBSOLETE	W/RAILS	/13					840-AR11D-LF	8-1437538-6-
	.180 PC LEAD	/14	.595/.605	.700	2.000	2	840-AG43D-LF	8-1437538-4
	HIGH RETENTION	13					840-AG34D-LF	8-1437538-3
	HIGH RETENTION	/14		700	1	0	832-AG38D-LF	9-6437533-4
	HIGH RETENTION	1.3	595/.605	.700	1.600	2	832-AG34D-LF	2-6437538-5
OBSOLETE	W/RAILS	14					828-AR12D-LF	6-6437538-9-
OBSOLETE	W/RAILS	13					828-AR11D-LF	1-6437538-6
	.180 PC LEAD	14	595/.605	.700	1.400	1	828-AG43D-LF	6437538-4
OBSOLETE	HIGH RETENTION	1.3					828-AG34D-LF	1-6437538-3-
OBSOLETE	W/RAILS	13	.295/.305	.400	1.200	1	824-AR31D-LF	5-6437538-1
OBSOLETE	W/RAILS	13	.595/.605	.700	1.200	1	824-AR11D-LF	9-6437537-9
	.180 PC LEAD	13	.295/.305	.400	1.200	1	824-AG47D-LF	9-6437537-7
OBSOLETE	180 PC LEAD	14	.395/.405	.500	1.200	1	824-AG446D-LF	9-6437537-6
	HIGH RETENTION	13	.595/.605	.700	1.200	1	824-AG34D-LF	9-6437537-5
	HIGH RETENTION	14	,			1	824-AG338D-LF	9-6437537-4
	HIGH RETENTION	13	295/.305	.400	1.200	1	824-AG334D-LF	9-6437537-3
	.180 PC LEAD	14					820-AG43D-LF	7-6437537-3
	HIGH RETENTION	13	295/.305	.400	1.000	1	820-AG34D-LF	7-6437537-2
OBSOLETE	180 PC LEAD W/RAILS	13					818-AR44D-LF	4-6437539-9
OBSOLETE	W/RAILS	13	295/.305	.400	.900	1	818-AR11D-LF	6-6437537-2
OBSOLETE	W/RAILS	13					816-AR11D-LF	5-6437537-4
	HIGH RETENTION	13	295/.305	.400	.800	1	816-AG34D-LF	5-6437537-1
OBSOLETE	W/RAILS	13					814-AR11D-LF	3-6437537-5
	.180 PC LEAD	/13\	.295/.305	.400	.700	1	814-AG43D-LF	3-6437537-2
	HIGH RETENTION			. +00	./00	I	814-AG34D-LF	3-6437537-1
OBSOLETE	W/RAILS						808-AR11D-LF	1-6437537-9
	.180 PC LEAD	/13	.295/.305	.400	.400	3	808-AG43D-LF	6437537-5
	HIGH RETENTION					0	808-AG34D-LF	6437537-4
	COMMENTS	PLATING	С	В	A	FIG	AUGAT PART NO.	TE PART NO.

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 $\square$ 

С

В

А

#### 800 SERIES MACHINED PREMIUM CONTACT PART NUMBER TABLE

6

5

	CONTACT	PARI		NBFK		BLE	
HIGH RETENTION	6					864-AG34D	5-1437538-4
_	7		1 0 0 0			864-AG12D	5-1437538-2
_	6	695/.905	1.000	3.200	Ζ.	864-AG11D	4-1437538-8
	5				-	864-AG10D	3-1437540-1
W/RAILS						848-AR11D	4-1437538-6
HIGH RETENTION	6					848-AG34D	4-1437538-5
_	7	.595/.605	.700	2.400	2	848-AG12D	4-1437538-4
_	6					848-AG11D	4-1437538-1
_	5					848-AG10D	3-1437538-9
_	7	505 / 605	700	0.100	0	842-AG12D	3-1437538-8
_	6	595/.605	.700	2.100	Ζ.	842-AG11D	3-1437538-7
W/RAILS	6					840-AR11D	3-1437538-6
.180 PC LEAD	6					840-AG44D	3-1437538-5
.180 PC LEAD	7					840-AG43D	3-1437538-4
HIGH RETENTION	6	.595/.605	.700	2.000	2	840-AG34D	3-1437538-3
	7					840-AG12D	3-1437538-2
_	6					840-AG11D	3-1437538-0
	5					840-AG10D	2-1437538-9
_	6	.595/.605	.700	1.800	2	836-AG11D	2-1437538-7
S/B 2-1437528-4	7					832–AR12D	9-1437533-7
HIGH RETENTION	7					832-AG38D	9-1437533-4
HIGH RETENTION	6	.595/.605	.700	1.600	2	832-AG34D	2-1437538-5
	7					832-AG12D	2-1437538-4
_	6					832-AG11D	2-1437538-2
	5					832-AG10D	2-1437538-1
W/RAILS	7					828–AR12D	6-1437538-9
W/RAILS	6					828-AR11D	1-1437538-6
.180 PC LEAD	6					828-AG44D	1-1437538-5
.180 PC LEAD	7	.595/.605	.700	1.400	1	828-AG43D	1-1437538-4
HIGH RETENTION	6					828-AG34D	1-1437538-3
_	7					828-AG12D	1-1437538-0
_	6					828-AG11D	0-1437538-4
_	5					828-AG10D	0-1437538-3
COMMENTS	PLATING	С	В	A	FIG	AUGAT	TE Part no.
		-     7       -     6       -     5       W/RAILS     6       -     7       -     6       -     7       -     6       -     7       -     6       -     7       -     6       -     7       -     6       -     7       -     6       .     6       .     . <t< td=""><td>-     .895/.905       -     .6       W/RAILS     .5       -     .5       -     .5       -     .5       -     .5       -     .5       -     .5       -     .5       -     .5       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       W/RAILS     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       S/B 2-1437528-4     .7       -     .6       -     .595/.605       S/B 2-1437528-4     .7       -     .6       -     .595/.605       S/B 2-1437528-4     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       H GH RETENTION     .595/.605</td><td>-     .895/.905     1.000       -     .6     .895/.905     1.000       -     .6     .595/.605     .700       -     .6     .595/.605     .700       -     .6     .595/.605     .700       -     .595/.605     .700       -     .595/.605     .700       -     .595/.605     .700       -     .595/.605     .700       W/RAILS     .6     .595/.605       .180 FC LEAD     .6     .595/.605       .180 FC LEAD     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       .700     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       .700     .6     .595/.605</td><td>-      </td><td>-       A       .895/.905       1.000       3.200       2         -       A       .895/.905       1.000       3.200       2         W/RAILS       A       .595/.605       .700       2.400       2         -       A       .595/.605       .700       2.400       2         -       A       .595/.605       .700       2.100       2         -       A       .595/.605       .700       2.100       2         -       A       .595/.605       .700       2.000       2         -       A       A       .595/.605       .700       2.000       2         -       A       A       .595/.605       .700       1.800       2         -       -       A       .595/.605       .700       1.800       2         -       -       A       .595/.605       .700       1.800       2         -       -       -       .595/.605       .700       1.600       2         -       -       -       -       .595/.605       .700       1.600       2         -       -       -       -       -       .595/.605       .700</td><td>-         A         895/.905         1.000         3.200         2         864-AC12D 864-AC12D           -         A         A         A         A         A         B44-AC12D         864-AC12D           W/RAILS         A         A         A         B44-AC10D         864-AC10D         864-AC10D           W/RAILS         A         A         A         A         B44-AC10D         864-AC10D           -         A         A         A         A         B44-AC10D         864-AC10D           -         A         A         A         A         B44-AC10D         864-AC10D           -         A         A         A         A         B44-AC12D         B44-AC12D           -         A         A         A         B44-AC12D         B44-AC12D         B44-AC12D           -         A         A         A         B44-AC12D         B44-AC12</td></t<>	-     .895/.905       -     .6       W/RAILS     .5       -     .5       -     .5       -     .5       -     .5       -     .5       -     .5       -     .5       -     .5       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       W/RAILS     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       S/B 2-1437528-4     .7       -     .6       -     .595/.605       S/B 2-1437528-4     .7       -     .6       -     .595/.605       S/B 2-1437528-4     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       -     .595/.605       H GH RETENTION     .595/.605	-     .895/.905     1.000       -     .6     .895/.905     1.000       -     .6     .595/.605     .700       -     .6     .595/.605     .700       -     .6     .595/.605     .700       -     .595/.605     .700       -     .595/.605     .700       -     .595/.605     .700       -     .595/.605     .700       W/RAILS     .6     .595/.605       .180 FC LEAD     .6     .595/.605       .180 FC LEAD     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       .700     .6     .595/.605       -     .6     .595/.605       -     .6     .595/.605       .700     .6     .595/.605	-	-       A       .895/.905       1.000       3.200       2         -       A       .895/.905       1.000       3.200       2         W/RAILS       A       .595/.605       .700       2.400       2         -       A       .595/.605       .700       2.400       2         -       A       .595/.605       .700       2.100       2         -       A       .595/.605       .700       2.100       2         -       A       .595/.605       .700       2.000       2         -       A       A       .595/.605       .700       2.000       2         -       A       A       .595/.605       .700       1.800       2         -       -       A       .595/.605       .700       1.800       2         -       -       A       .595/.605       .700       1.800       2         -       -       -       .595/.605       .700       1.600       2         -       -       -       -       .595/.605       .700       1.600       2         -       -       -       -       -       .595/.605       .700	-         A         895/.905         1.000         3.200         2         864-AC12D 864-AC12D           -         A         A         A         A         A         B44-AC12D         864-AC12D           W/RAILS         A         A         A         B44-AC10D         864-AC10D         864-AC10D           W/RAILS         A         A         A         A         B44-AC10D         864-AC10D           -         A         A         A         A         B44-AC10D         864-AC10D           -         A         A         A         A         B44-AC10D         864-AC10D           -         A         A         A         A         B44-AC12D         B44-AC12D           -         A         A         A         B44-AC12D         B44-AC12D         B44-AC12D           -         A         A         A         B44-AC12D         B44-AC12

4	3			2				1
			Loc		P LTR		REVISIONS description	DATE DWN APVD
					– SEE	SHEET 1		
		300 SERI	ES MAG		IED	PRE	MIUM	
		CONTACT	PART		MBER	R TA	BLE	
OBSOLETE OBSOLETE	W/RAILS W/RAILS	6	.295/.305 .595/.605	.400 .700	1.200	1	824-AR31D 824-AR11D	<u>0-1437538-1</u> 9-1437537-9-
	180 PC LEAD	6	.395/.405	.500 .400	1.200	1	824-AG66D 824-AG47D	9-1437537-8 9-1437537-7-
	.180 PC LEAD	5	.595/.605	.700	1.200	1	824-AG45D	6-1437538-6
OBSOLETE_	.180 PC LEAD	7	.395/.405	.500	1.200	1	824-AG446D	9-1437537-6-
_	HIGH RETENTION HIGH RETENTION		595/.605	.700	1.200	1	824-AG34D 824-AG33D	9-1437537-5- 8-1437539-2
	HIGH RETENTION					1	824-AG338D	9-1437537-4
	HIGH RETENTION	6				1	824-AG334D	9-1437537-3
-		/7	.295/.305	.400	1.200	1	824-AG32D 824-AG31D	9-1437537-2 8-1437537-9
	_		-			1	824-AG30D	8-1437537-7
	_	7	.395/.405	.500	1.200	1	824-AG14D	8-1437537-6
		7	.595/.605	.700	1.200	1	824-AG12D 824-AG11D	8-1437537-5 8-1437537-2
		6		.,	1.200	1	824-AG10D	8-1437537-1
(A4)	—	6	.395/.405	.500	1.100	1	822-AG11D	7-1437537-8
	 W/RAILS	5	, 				822-AG10D 820-AR11D	7-1437537-7 7-1437537-6-
	.180 PC LEAD	5	_				820-AG45D	7-1437537-5
OBSOLETE	.180 PC LEAD	6					820-AG44D	7-1437537-4
	.180 PC LEAD HIGH RETENTION	7	.295/.305	.400	1.000	1	820-AG43D 820-AG34D	7-1437537-3- 7-1437537-2-
	HIGH RETEINTION —		_				820-AG34D 820-AG12D	6-1437537-9
	_	6					820-AG11D	6-1437537-6
		5					820-AG10D	6-1437537-4
	.180 PC LEAD W/RAILS W/RAILS		_				818–AR44D 818–AR11D	<u>4-1437539-9</u> 6-1437537-2-
OBSOLETE-	.180 PC LEAD	6		100		1	818-AG44D	6-1437537-1-
	HIGH RETENTION S/B 5-1437537-7	6	.295/.305	.400	.900		818-AG34D	5-1437538-8
		7	_				818-AG12D 818-AG11D	6-1437537-0 5-1437537-7
	_	5					818-AG10D	5-1437537-6
	W/RAILS	6	_				816-AR11D	5-1437537-4
	.180 PC LEAD .180 PC LEAD	5					816-AG45D 816-AG44D	5-1437537-3 5-1437537-2
OBSOLETE	HIGH RETENTION	6	295/.305	.400	.800	1	816-AG34D	5-1437537-1-
	HIGH RETENTION	5	_				816-AG33D	5-1437537-0-
OBSOLETE		7	_				816-AG12D 816-AG11D	4-1437537-6 4-1437537-0
	_	5	_				816-AG10D	3-1437537-7
	180 PC LEAD, W/RAILS S/B 3-1437537-3						814-AR44D	5-1437533-2
_		6	_				814–AR11D 814–AG45D	3-1437537-5- 3-1437537-4-
	.180 PC LEAD		295/.305	.400	.700	1	814-AG44D	3-1437537-3-
OBSOLETE	.180 PC LEAD	7	2937.303	.400	.700	Ι	814-AG43D	3-1437537-2-
	HIGH RETENTION		_				814-AG34D 814-AG12D	3-1437537-1 2-1437537-9
			_				814-AG12D 814-AG11D	2-1437537-4
	—	5					814-AG10D	2-1437537-1
OBSOLETE		6					808-AR11D 808-AG45D	1-1437537-9 1-1437537-8
	.180 PC LEAD	5	_				808-AG43D	1-1437537-7
OBSOLETE	.180 PC LEAD	7	.295/.305	.400	.400	3	808-AG43D	1-1437537-5
	HIGH RETENTION		_				808–AG34D 808–AG12D	$\begin{array}{c c} 1 - 1437537 - 4 \\ \hline 1 - 1437537 - 2 \end{array}$
			_				808-AG12D	0-1437537-8
		5					808-AG10D	0-1437537-5
	<u>/12</u> S/B 6-1437529-8 /12 SUPERSEDED BY 6-1437529-5	6	295/.305	.400	.300	_	806-AG11D 806-AG10D	2-1437533-5 2-1437533-3
	COMMENTS	PLATING	С	В	A	FIG	AUGAT Part no.	TE Part no.
		THIS DRAWING IS A CO	DNTROLLED DOCUMENT		06MAY	🚝 Tyo	Tyco Electro	Donics Corporation
		DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD	<u>НТ</u> 06мау	04 NAME		Pa 17105-3608
			0 PLC ± - 1 PLC ± -	PRODUCT SPI			DIP SOCH 800 SER	•
			2 PLC ± - 3 PLC ± .005 4 PLC ± -		SPEC	SIZE C	AGE CODE DRAWING NO	RESTRICTED TO
		MATERIAL	ANGLES ± - FINISH	WEIGHT			0779 <b>C</b> -143753	9-2 -
			_	CUSTOM	er drawing			1 SHEET OF 4 REV A4

	8		7			6				5
THIS DRAWING IS UNPUE		FOR PUBLICATION	-,							
C COPYRIGHT -	BY TYCO ELECTRONICS CORPORATION.	RIGHTS RESERVED.								
			800 SER	IES SIA	A V  P	ED E				
		$\cap \cap NT$	ACT LEAD	FRFF	$\square \land \square$	QT NI		RER T		
							UIVIL			
OBSOLETE	W/RAIL	<u>_S</u>	13	.595/.605	.700	2.400	2	848-AR11	D-ES-LF	8-1437540-0-
OBSOLETE	W/RAIL	<u>_S</u>	14					840-AR12	D-ES-LF	6-6447099-8-
OBSOLETE	W/RAIL	<u>_S</u>	15	505/605	700			840-AR11E	)—ESL—LF	7-1437540-2
OBSOLETE	W/RAIL	<u>_S</u>	13	595/.605	.700	2.000	2	840-AR11	D-ES-LF	7-1437540-1
	.180 PC	LEAD	15					840-AG44[	D-ESL-LF	7-1437540-0
OBSOLETE	W/RAIL	<u>_S</u>	15					832-AR11E	D-ESL-LF	0-6437540-9
OBSOLETE	W/RAIL	<u>_S</u>	13					832-AR11	D-ES-LF	0-6437540-8
	.180 PC	LEAD	13	.595/.605	.700	1.600	2	832-AG44	D-ES-LF	0-6437540-7
	.180 PC	LEAD	14					832-AG43	D-ES-LF	0-6437540-6
OBSOLETE		W/RAILS	15					828-AR44E	D-ESL-LF	9-6437539-8
OBSOLETE	W/RAIL	<u>_S</u>	14	505/605	700	1 1 0 0	1	828-AR12	D-ES-LF	6-6447099-7
OBSOLETE	W/RAIL	S	13	595/.605	.700	1.400		828-AR11	D-ES-LF	9-6437539-6-
	.180 PC	LEAD	13					828-AG44	D-ES-LF	9-6437539-5
OBSOLETE		W/RAILS	15	.295/.305	.400	1.200	1	824-AR47E	)—ESL—LF	8-6437533-3-
OBSOLETE	W/RAIL	S	13	.295/.305	.400	1.200	1	824-AR31	D-ES-LF	8-6437539-7
OBSOLETE	W/RAIL	S	14	.595/.605	.700	1.200	1	824-AR12	D-ES-LF	6-6447099-6
	.180 PC	LEAD	15	.595/.605	.700	1.200	1	824-AG44[	D-ESL-LF	8-6437539-3
(A4)	.180 PC	LEAD	13	.395/.405	.500	1.100	1	822-AG44	D-ES-LF	6-6437539-5
OBSOLETE	W/RAIL	S	15	.295/.305	.400	1.000	1	820-AR11E	)—ESL—LF	5-6437539-8-
OBSOLETE	W/RAIL	<u>_S</u>	13	.2937.303	.400	1.000		820-AR11	D-ES-LF	5-6437539-7
OBSOLETE	W/RAIL	<u>_S</u>	15					816-AR11E	D-ESL-LF	3-6437539-5
OBSOLETE	W/RAIL	S	13	.295/.305	.400	.800	1	816-AR11	D-ES-LF	3-6437539-4
	.180 PC	LEAD	15	.2007.000	.400	.000		816-AG44[	D-ESL-LF	3-6437539-2
OBSOLETE	W/RAIL	S	13	.295/.305	.400	.700	1	814-AR11	D-ES-LF	2-6437539-2
OBSOLETE	W/RAIL	<u>_S</u>	1.3					808-AR11	D-ES-LF	1-6437539-0-
	.180 PC	LEAD	14	.295/.305	.400	.400	1	808-AG43	D-ES-LF	6437537-6
	COMMEI	NTS	PLATING	С	В	A	FIG	AUG PART		TE Part no.

С

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### 800 SERIES STAMPED ECONOMY CONTACT PART NUMBER TABLE

	$\bigcirc$ $\bigcirc$ $\land$ $\land$							
AOBSOLETE	_	7					864-AG12D-ES	5-1437538-3-
	_	/9		1 000	7 0 0 0		864-AG11D-ESL	5-1437538-0
	_	6	.895/.905	1.000	3.200	2	864-AG11D-ES	4-1437538-9
AOBSOLETE	_	/5					864-AG10D-ES	3-1437540-2
OBSOLETE	W/RAILS	9					848-AR11D-ESL	6-1437540-2
17	W/RAILS	6					848-AR11D-ES	3-1437540-0-
OBSOLETE	_	/7					848-AG12D-ES	2-1437540-8-
	_	9	.595/.605	.700	2.400	2	848-AG11D-ESL	4-1437538-2
	_	6					848-AG11D-ES	2-1437540-6
1 OBSOLETE	_	5					848-AG10D-ES	2-1437540-5
	_	9		700	0.100	0	842-AG11D-ESL	2-1437540-4
	_	6	595/.605	.700	2.100	2	842-AG11D-ES	2-1437540-3
	.180 PC LEAD W/RAILS S/B 2-1437540-0	9					840-AR44D-ESL	0-1437534-7
1 OBSOLETE	W/RAILS	/7					840-AR12D-ES	6-1447099-8
OBSOLETE		9					840-AR11D-ESL	2-1437540-2
OBSOLETE	W/RAILS	6	_				840-AR11D-ES	2-1437540-1
	.180 PC LEAD	/9	.595/.605	.700	2.000	2	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
A OBSOLETE		7					836-AG12D-ES	1-1437540-2-
	_	. 9	.595/.605	.700	1.800	2	836-AG11D-ESL	1-1437540-1
	_	6					836-AG11D-ES	1-1437540-0
OBSOLETE	W/RAILS	9					832-AR11D-ESL	0-1437540-9
OBSOLETE	W/RAILS	6					832-AR11D-ES	0-1437540-8
	.180 PC LEAD S/B 1437540-1	8					832-AG45D-ESL	6-1437538-0
	.180 PC LEAD S/B 1437540-7	/9					832-AG44D-ESL	9-1437533-5
	.180 PC LEAD	6	.595/.605	.700	1.600	2	832-AG44D-ES	0-1437540-7
OBSOLETE	.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						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-
	—						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	С	В	A	FIG	AUGAT Part no.	TE Part no.
AMP 4805 REV 31MAR2000					1	I	- I	

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I		I	LOC	DIST	LTR		REVISIONS	DATE DWN AF	2VD
					— SEE S	SHEET 1			-
							ED ECONO MBER TAE		
A OBSOLETE SUPERSEDED .	.180 PC LEAD W/RAILS 180 PC LEAD W/RAILS S/B 8-1437539-3 W/RAILS W/RAILS	9	.295/.305 .595/.605 .295/.305	.400 .700 .400	1.200 1.200 1.200	1 1 1	824-AR47D-ESL 824-AR44D-ESL 824-AR31D-ESL 824-AR31D-ES	8-1437533-3 8-1437533-2 3-1437540-9 8-1437539-7	_
OBSOLETE OBSOLETE	W/RAILS W/RAILS W/RAILS		.595/.605	.700	1.200	1	824-AR31D-ES 824-AR12D-ES 824-AR11D-ESL	6-1447099-6 8-1437539-6	D
OBSOLETE OBSOLETE	W/RAILS -	9	.395/.405	.500	1.200	1	824-AR11D-ES 824-AG66D-ESL	8-1437539-5 8-1437539-4	
() OBSOLETE		9	.595/.605	.700	1.200	1	824-AG65D-ES 824-AG44D-ESL 824-AG32D-ES	0-1571180-1 8-1437539-3 8-1437539-1	
		9	.295/.305	.400	1.200	1	824-AG31D-ESL 824-AG31D-ES 824-AG30D-ESL	7-1437539-7 7-1437539-6 7-1437539-4	
		5 	.595/.605	.700	1.200	1	824-AG30D-ES 824-AG12D-ES 824-AG11D-ESL 824-AG11D-ES	7-1437539-3 7-1437539-2 7-1437539-0 6-1437539-9	
OBSOLETE	.180 PC LEAD —		.395/.405	.500	1.100	1	824-AG10D-ES 822-AG44D-ES 822-AG12D-ES 822-AG11D-ESL	6-1437539-7 6-1437539-5 6-1437539-4 6-1437539-3	
	– – 180 PC LEAD W/RAILS S/B 7–1437537–4					·	822-AG11D-ES 822-AG10D-ES 820-AR44D-ESL	6-1437539-2 6-1437539-0 7-1437533-1	_
0BSOLETE OBSOLETE -	W/RAILS <u>W/RAILS</u> .180 PC LEAD S/B 7-1437537-4 -	/9 /6 /9 /7	.295/.305	.400	1.000	1	820-AR11D-ESL 820-AR11D-ES 820-AG44D-ES 820-AG12D-ES	5-1437539-8 5-1437539-7 7-1437533-0 5-1437539-6	C
	– W/RAILS 180 PC LEAD W/RAILS S/B 4–1437539–9	9					820-AG11D-ESL 820-AG11D-ES 820-AG10D-ES 818-AR44D-ESL	5-1437539-3 5-1437539-2 5-1437539-0 6-1437533-4	
OBSOLETE - OBSOLETE	W/RAILS W/RAILS .180 PC LEAD S/B 6-1437537-1	9	.295/.305	.400	.900	1	818-AR11D-ESL 818-AR11D-ES 818-AG44D-ESL	4-1437539-8 4-1437539-7 6-1437533-3	-
A SUP. BY 1571552-5		9 6 5		. 100			818-AG12D-ES 818-AG11D-ESL 818-AG11D-ES 818-AG10D-ES	4-1437539-6 4-1437539-4 4-1437539-3 4-1437539-1	
OBSOLETE OBSOLETE OBSOLETE OBSOLETE	W/RAILS W/RAILS .180 PC LEAD .180 PC LEAD 	9 6 5 9 7	.295/.305	.400	.800	1	816-AR11D-ESL 816-AR11D-ES 816-AG45D-ES 816-AG44D-ESL 816-AG12D-ES	3-1437539-5 3-1437539-4 3-1437539-3 3-1437539-2 3-1437539-1	_
	  180 PC LEAD, W/RAILS S/B 3-1437537-3	9 6 5 9					816-AG11D-ESL 816-AG11D-ES 816-AG10D-ES 814-AR44D-ESL	2-1437539-9 2-1437539-8 2-1437539-6 5-1437533-3	
OBSOLETE OBSOLETE SUPERSEDED	W/RAILS W/RAILS .180 PC LEAD .180 PC LEAD S/B 3-1437537-3 -	9 6 9 9 7 9	.295/.305	.400	.700	1	814-AR11D-ESL 814-AR11D-ES 814-AG45D-ES 814-AG44D-ESL 814-AG12D-ES 814-AG11D-ESL	$\begin{array}{r} 2-1437539-3\\ 2-1437539-2\\ 2-1437539-1\\ 4-1437540-5\\ 2-1437539-0\\ 1-1437539-7\end{array}$	
OBSOLETE -	– – .180 PC W/RAILS, S/B 1437539–9 W/RAILS W/RAILS						814-AG11D-ES 814-AG10D-ES 808-AR44D-ESL 808-AR11D-ESL 808-AR11D-ES	$ \begin{array}{r} 1 - 1437539 - 6 \\ 1 - 1437539 - 4 \\ 3 - 1437533 - 1 \\ 1 - 1437539 - 1 \\ 1 - 1437539 - 0 \\ \end{array} $	
OBSOLETE	.180 PC LEAD .180 PC LEAD 	9 7 7 9 9 6	.295/.305	.400	.400	1	808-AG44D-ESL 808-AG43D-ES 808-AG12D-ES 808-AG11D-ESL 808-AG11D-ES	0-1437539-9 1-1437537-6 0-1437539-8 0-1437539-6 0-1437539-5	
			.295/.305	.400	.300	1	808-AG10D-ES 806-AG12D-ES 806-AG11D-ESL 806-AG11D-ES	0-1437539-2 2-1437533-8 8-1437536-5 2-1437533-7	
	COMMENTS	PLATING	С	В	A	FIG	AUGAT Part no.	TE Part no.	
		THIS DRAWING IS	A CONTROLLED DOCUMENT.	dwn R BROW chk K WRIGH	06MAY04	EI EI	CO Tyco Electro ectronics Harrisburg, H	nics Corporation Pa 17105-3608	
			$0 PLC \pm -$ $1 PLC \pm -$ $2 PLC \pm -$ $3 PLC \pm .005$	APVD K WRIGH PRODUCT SPEC — APPLICATION	HTc	_	DIP SOCK 800 SERI	ES	
		MATERIAL _	4 PLC ± - ANGLES ± - FINISH -	WEIGHT CUSTOME	– Er Drawing		cage code drawing no 00779 C-1437539 scale 1:1		

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

	Δ						
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	100	1 000	1	1020-AG11D	1-1437529-4
S/B 6-1437537-4	5	295/.505	.400	1.000		1020-AG10D	1-1437529-3
S/B 5-1437537-7	6	295/.305	100	000	1	1018-AG11D	1-1437529-2
S/B 5-1437537-6	5	295/.505	.400	.900		1018-AG10D	1-1437529-1
S/B 4-1437537-0	6	295/.305	100	800	1	1016-AG11D	1-1437529-0
S/B 3-1437537-7	5	295/.505	.400	.800		1016-AG10D	0-1437529-9
S/B 2-1437537-4	6	295/.305	100	700	1	1014-AG11D	0-1437529-7
S/B 2-1437537-1	5	295/.505	.400	.700		1014-AG10D	0-1437529-6
S/B 1437537-8	. 6	205 / 705	100	100	7	1008-AG11D	0-1437529-5
S/B 1437537-5	5	295/.305	.400	.400	3 -	1008-AG10D	0-1437529-4
	· · · ·						
		С	В	A	FIG	AUGAT	TE
COMMENTS	PLATING					PART NO.	PART NO.

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AMP 4805 REV 31MAR2000

<u>_</u>		1 0 0 0	7 0 0 0	0			4
/10	.895/.905	1.000	3.200	2	1864-AG111D	5-1437529-1	_
/10\	.595/.605	.700	2.400	2	1848-AR111D	5-1437529-0	_
10	,				1848-AG111D	4-1437529-9	
/10	.595/.605	.700	2.100	2	1842-AG111D	4-1437529-8	
10	.595/.605	.700	2.000	2	1840-AR111D	4-1437529-7	
/10	,	.700	2.000		1840-AG111D	4-1437529-6	
/10	.595/.605	.700	1.600	2	1832–AG111D	4-1437529-5	E
/10	.595/.605	.700	1.400	1	1828–AR111D	4-1437529-4	
10	.0007.000	.700	1.400		1828-AG111D	4-1437529-3	
10	.295/.305	.400	1.200	1	1824–AR131D	4-1437529-2	
10	.595/.605	.700	1.200	1	1824–AR111D	4-1437529-1-	
10	.395/.405	.500	1.200	1	1824-AG141D	4-1437529-0-	
10	.295/.305	.400	1.200	1	1824–AG131D	3-1437529-9	]
. 10	.595/.605	.700	1.200	1	1824-AG111D	3-1437529-8	]
10	.395/.405	.500	1.100	1	1822-AG111D	3-1437529-7	1
. 10	205 / 305	100	1 0 0 0	1	1820–AR111D	3-1437529-6	1
10	.295/.305	.400	1.000		1820-AG111D	-0-1437537-3-	1
. 10	205 / 705	100	0.00	1	1818–AR11D	3-1437529-5	1
10	.295/.305	.400	.900		1818-AG111D	3-1437529-3	1
10		100	0.00	1	1816–AR111D	-3-1437529-2-	1
10	.295/.305	.400	.800		1816-AG111D	3-1437529-1	1
. 10		100	700	1	1814–AR111D	3-1437529-0	1
10	.295/.305	.400	.700		1814-AG111D	2-1437529-9	1
10		100	100	7	1808–AR111D	2-1437529-6	1
10	.295/.305	.400	.400	3	1808-AG111D	2-1437529-5	1
/10	.295/.305	.400	.300		1806-AG111D	0-1437535-2	1
							1
	С	В	A	FIG	AUGAT	TE	
PLATING					PART NO.	PART NO.	
							/
THIS DRAWING IS A CON	TROLLED DOCUMENT.	dwn R BROW	06MA /N	Y04 <b>E</b> Tyc	Tyco Electror	nics Corporation	1
		снк — К WRIGH	06MA	Y04 – Iyo Ele	<b>ctronics</b> Harrisburg, P	a 17105-3608	
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD K WRIGH	06MA	YO4 NAME			1
	PLC ± -	PRODUCT SPE			DIP SOCKE 800 SERIE	,	
	PLC $\pm$ – PLC $\pm$ –		SPEC		SOU SEMI		
4	PLC ± .005 PLC ± - IGLES ± -		JELU	SIZE CA	AGE CODE DRAWING NO	RESTRICTED TO	,
	NISH	WEIGHT	_		0779 <b>C-</b> 1437539	-2   -	
_	—	CUSTOME	ER DRAWING		SCAL F	SHEET OF REV	1
				-	1:1	4 4 A	

СОММ	ENTS

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	S/B 5-1437538-0 S/B 6-1437540-2 W/RAILS		.895/.905	1.000	3.200	22	1864–AG111D 1848–AR111D	5-1437529-1 5-1437529-0	_
	S/B 4-1437538-2	10	,				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	,				1840-AG111D	4-1437529-6	
	S/B 1437540-3	10	.595/.605	.700	1.600	2	1832-AG111D	4-1437529-5	B
	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	10	.295/.305	.400	1.200	1	1824–AR131D	4-1437529-2	_
OBSOLETE	<del>S/B 8-143753</del> 9-6 W/RAILS		.595/.605	.700	1.200	1	1824–AR111D	4-1437529-1	_
OBSOLETE	<u> </u>		.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	10	.295/.305	.400	1.000	1	1820-AR111D	3-1437529-6	
SUPERSEDED	S/B 5-1437539-3	/10	.2007.000	. 100		,	1820-AG111D	-0-1437537-3-	_
	S/B 4-1437539-8 W/RAILS	10	295/.305	.400	.900	1	1818-AR11D	3-1437529-5	_
	S/B 4-1437539-4		.2007.000			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		.2007.000	. 100		I	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	.2007.000	. 100	.,	I	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	,	. 100			1808-AG111D	2-1437529-5	_
OBSOLETE	- <del>S/B 1437535-8</del> -	/10	.295/.305	.400	.300		1806-AG111D	0-1437535-2	_
	COMMENTS	PLATING	С	В	A	FIG	AUGAT Part no.	TE PART NO.	A
		THIS DRAWING IS A CO		DWN R BROW снк К WRIGI	06MAY0	🗲 Tyc	Tyco Electro Contronics Harrisburg,	nics Corporation Pa 17105-3608	
			TOLERANCES UNLESS OTHERWISE SPECIFIED: PLC ± – PLC ± – PLC ± – PLC ± – PLC ± –	APVD K WRIGI PRODUCT SPE — APPLICATION	06MAYC HT CC	04 NAME	DIP SOCK 800 SER		
			PLC ± – NGLES ± –				AGE CODE DRAWING NO	RESTRICTED T	S
			— —	WEIGHT	—	A10	0779 C-143753	9 — 2 — —   Sheet _ OF _ Rev _ 4	_
					ER DRAWING				

# 1800 SERIES MACHINED PREMIUM CONTACT, LOW GOLD PART NUMBER TABLE

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

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#### **Mouser Electronics**

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

TE Connectivity: 832-AG10D