

REV	DATE	DESCRIPTION	BY	CHK	APP
AD	00				
A3		REVISED PER ECO-10-019841			

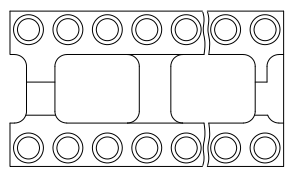


FIG. 1

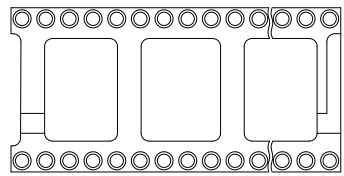


FIG. 2

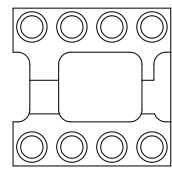
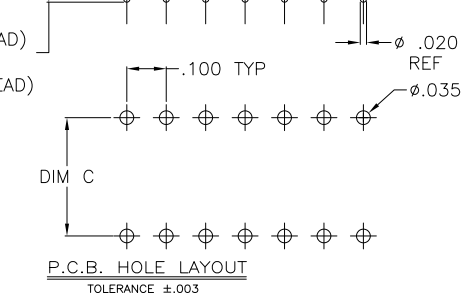
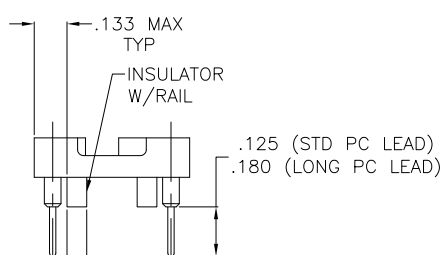
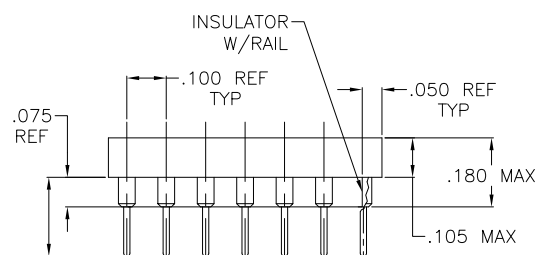
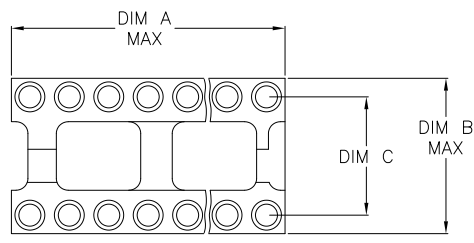


FIG. 3  
(8 POS ONLY)



- △ 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 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 50μ" 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 50μ" 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 80μ" MIN MATTE TIN OVER 50μ" MIN COPPER SLEEVE.
- △ OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

8 XX - AX XXX D - XXX - LE  
 POSITIONS  
 LF= LEAD FREE  
 BLANK = MACHINED CONTACT  
 ES = FORMED CONTACT, GOLD PLATE, NOTE 1  
 ESL = FORMED CONTACT, LOW GOLD PLATE, 5 IN MAX  
 D = PC TAIL STANDARD  
 LSC STYLE AND TAIL CONFIGURATION  
 AG = INSULATOR WITH RAILS  
 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.		REV. 00		DATE 00		DESCRIPTION		BY		CHK		APP	
REVISIONS		REV. 00		DATE 00		DESCRIPTION		BY		CHK		APP	
REV. 00		DATE 00		DESCRIPTION		BY		CHK		APP		DATE 00	
REV. 00		DATE 00		DESCRIPTION		BY		CHK		APP		DATE 00	

—	SEE SHEET 1	—	—
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## 800 SERIES MACHINED PREMIUM CONTACT PART NUMBER TABLE

OBsolete	W/RAILS	295/305	400	1200	1	824-AR310	0-1437536-1
OBsolete	W/RAILS	595/605	700	1200	1	824-AR110	9-1437537-9
OBsolete	.180 PC LEAD	295/305	400	1200	1	824-AC680	9-1437537-8
	.180 PC LEAD	295/305	400	1200	1	824-AG470	9-1437537-4
	.180 PC LEAD	595/605	700	1200	1	824-AG450	4-1437538-6
	HIGH RETENTION	595/605	500	1200	1	824-AG4460	9-1437537-6
	HIGH RETENTION	595/605	700	1200	1	824-AG340	9-1437537-8
	HIGH RETENTION	595/605	700	1200	1	824-AG330	8-1437537-0
	HIGH RETENTION	595/605	700	1200	1	824-AG3380	9-1437537-4
	—	295/305	400	1200	1	824-AG3340	9-1437537-3
	—	295/305	400	1200	1	824-AG320	9-1437537-1
	—	295/305	400	1200	1	824-AG310	8-1437537-7
OBsolete	—	395/405	500	1200	1	824-AG140	8-1437537-6
	—	595/605	700	1200	1	824-AG120	8-1437537-5
	—	595/605	700	1200	1	824-AG110	8-1437537-7
	—	595/605	700	1200	1	824-AG100	8-1437537-1
	—	295/305	400	1100	1	822-AG110	7-1437537-7
	—	295/305	400	1100	1	822-AG100	7-1437537-7
	W/RAILS	295/305	400	1000	1	820-AR110	7-1437537-6
	.180 PC LEAD	295/305	400	1000	1	820-AG450	7-1437537-9
	.180 PC LEAD	295/305	400	1000	1	820-AG440	7-1437537-4
	.180 PC LEAD	295/305	400	1000	1	820-AG430	7-1437537-2
OBsolete	HIGH RETENTION	295/305	400	1000	1	820-AG120	6-1437537-9
	—	295/305	400	1000	1	820-AG110	6-1437537-6
	—	295/305	400	1000	1	820-AG100	6-1437537-4
	.180 PC LEAD W/RAILS	295/305	400	900	1	818-AR440	4-1437536-9
	W/RAILS	295/305	400	900	1	818-AR110	6-1437537-2
	.180 PC LEAD	295/305	400	900	1	818-AR440	6-1437537-8
	HIGH RETENTION S/B 5-1437537-7	295/305	400	900	1	818-AR440	6-1437537-0
	—	295/305	400	900	1	818-AG120	6-1437537-7
	—	295/305	400	900	1	818-AG110	5-1437537-7
	—	295/305	400	900	1	818-AG100	5-1437537-6
OBsolete	W/RAILS	295/305	400	800	1	816-AG110	5-1437537-4
	.180 PC LEAD	295/305	400	800	1	816-AG450	5-1437537-3
	.180 PC LEAD	295/305	400	800	1	816-AG445	5-1437537-2
	HIGH RETENTION	295/305	400	800	1	816-AG440	5-1437537-1
	HIGH RETENTION	295/305	400	800	1	816-AG430	5-1437537-0
	—	295/305	400	800	1	816-AG120	4-1437537-6
	—	295/305	400	800	1	816-AG110	4-1437537-5
	—	295/305	400	800	1	816-AG100	3-1437537-7
	.180 PC LEAD, W/RAILS S/B 3-1437537-3	295/305	400	700	1	814-AR440	4-1437533-2
	W/RAILS	295/305	400	700	1	814-AR110	3-1437533-7
OBsolete	.180 PC LEAD	295/305	400	700	1	814-AG450	3-1437533-4
	.180 PC LEAD	295/305	400	700	1	814-AG440	3-1437533-3
	.180 PC LEAD	295/305	400	700	1	814-AG430	3-1437537-2
	HIGH RETENTION	295/305	400	700	1	814-AG340	3-1437537-1
	—	295/305	400	700	1	814-AG120	2-1437537-2
	—	295/305	400	700	1	814-AG110	2-1437537-4
	—	295/305	400	700	1	814-AG100	2-1437537-1
	W/RAILS	295/305	400	700	1	808-AR110	1-1437537-9
	.180 PC LEAD	295/305	400	700	1	808-AG450	1-1437537-8
	.180 PC LEAD	295/305	400	700	1	808-AG440	1-1437537-7
OBsolete	.180 PC LEAD	295/305	400	700	1	808-AG430	1-1437537-6
	HIGH RETENTION	295/305	400	700	1	808-AG340	1-1437537-4
	—	295/305	400	700	1	808-AG120	1-1437537-2
	—	295/305	400	700	1	808-AG110	0-1437537-8
	—	295/305	400	700	1	808-AG100	0-1437537-5
	—	295/305	400	700	1	806-AG110	2-1437533-5
	—	295/305	400	700	1	806-AG100	2-1437533-3
	S/B 6-1437529-8	295/305	400	300	—	806-AG110	2-1437533-5
	SUPERSEDED BY 6-1437529-5	295/305	400	300	—	806-AG100	2-1437533-3
	COMMENTS	PLATING	C	B	A	FIG	AUGCT PART NO.

[illegible][illegible]

[illegible][illegible]

LOC	DIST	REVISIONS				
		#	DATE	DESCRIPTION	DATE	BY
AD	00					
				SEE SHEET 1		

1800 SERIES MACHINED PREMIUM  
CONTACT, LOW GOLD  
PART NUMBER TABLE

	S/B	9-1437538-0	△	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-AG111D	4-1437529-7
	S/B	1-1437540-7	△	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
	S/B	8-1437489-6 W/RAILS	△	595/605	700	1,200	1	1824-AR111D	4-1437489-4
	S/B	8-1437539-4	△	395/405	500	1,200	1	1824-AR131D	3-1437529-9
	S/B	7-1437539-7	△	295/305	400	1,200	1	1824-AG111D	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	△	595/605	700	1,000	1	1820-AR111D	3-1437529-6
	S/B	5-1437539-3	△	295/305	400	1,000	1	1820-AG111D	3-1437537-3
	S/B	4-1437539-8 W/RAILS	△	295/305	400	900	1	1818-AR111D	3-1437529-5
	S/B	4-1437539-3	△	295/305	400	800	1	1818-AG111D	3-1437529-4
	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	1-1437539-1	△	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	300	1	1808-AG111D	2-1437529-5
	S/B	1437538-8	△	295/305	400	300	1	1806-AG111D	2-1437538-2
	COMMENTS		PLATING	C	B	A	FIG	AUGAT PART NO.	TE PART NO.

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