

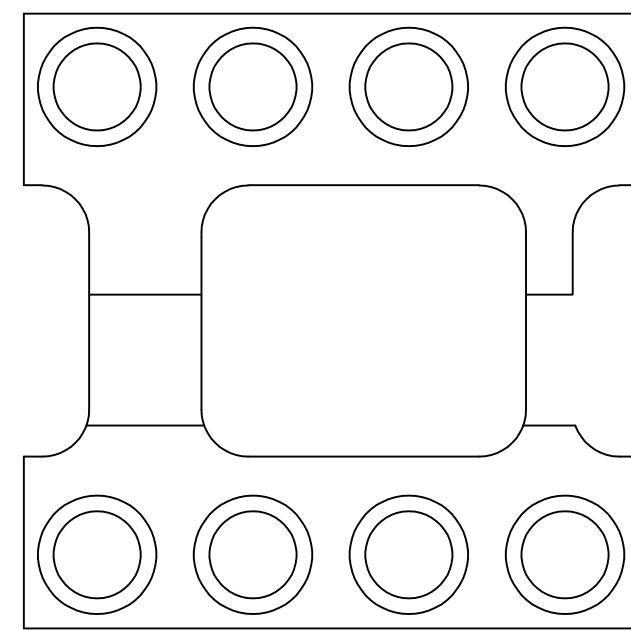
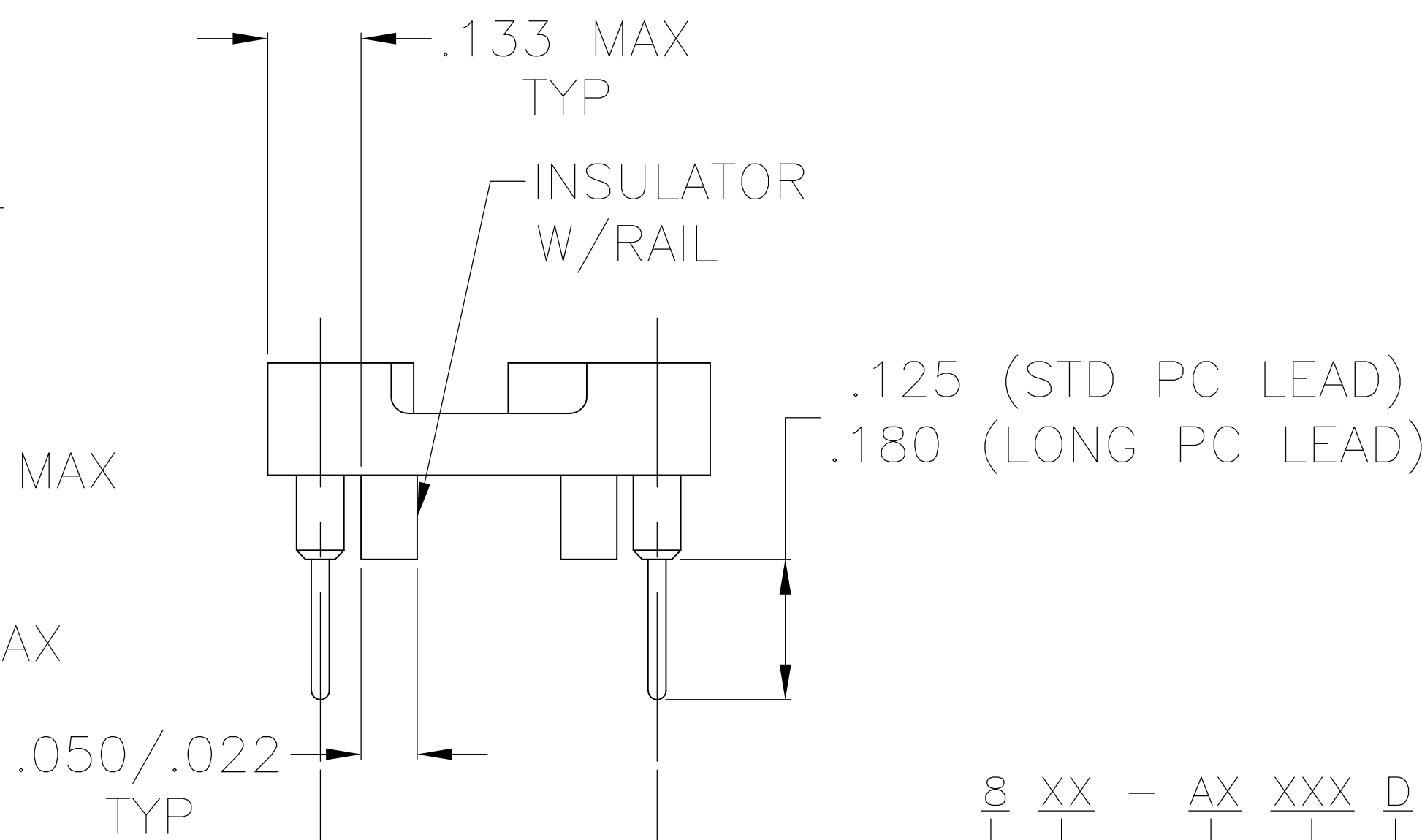


FIG. 3
(8 POS ONLY)



P.C.B. HOLE LAYOUT

TOLERANCE $\pm .003$

800 SERIES — 8 — POSITIONS — XX — AX — XXX — D — XXX — LF —

- 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.				OWN R BROWN		DEMAY04				Tyco Electronics Corporation Harrisburg, Pa 17105-3608							
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPN K WRIGHT		DEMAY04		NAME		DIP SOCKET, 800 SERIES							
		0 PLC ± -		PRODUCT SPEC													
		2 PLC ± -		APPLICATION SPEC													
MATERIAL		FINISH		WEIGHT				SIZE CAGE CODE DRAWING NO		RESTRICTED TO							
-		-		-				A1 00779 C=1437539-2		-							
CUSTOMER DRAWING								SCALE		1:1		SHEET		1 of 4		REV A3	

800 SERIES MACHINED PREMIUM CONTACT PART NUMBER TABLE

OBsolete	W/RAILS	6	.295/.305	.400	1.200	1	824-AR31D	0-1437538-4
OBsolete	W/RAILS	6	.595/.605	.700	1.200	1	824-AR11D	9-1437537-9
	-	6	.395/.405	.500	1.200	1	824-AG66D	9-1437537-8
OBsolete	.180 PC LEAD	6	.295/.305	.400	1.200	1	824-AG47D	9-1437537-7
	.180 PC LEAD	5	.595/.605	.700	1.200	1	824-AG45D	6-1437538-6
	.180 PC LEAD	7	.395/.405	.500	1.200	1	824-AG446D	9-1437537-6
	HIGH RETENTION	6				1	824-AG34D	9-1437537-5
	HIGH RETENTION	5	.595/.605	.700	1.200	1	824-AG33D	8-1437539-2
	HIGH RETENTION	7				1	824-AG338D	9-1437537-4
	HIGH RETENTION	6				1	824-AG334D	9-1437537-3
	-	7	.295/.305	.400	1.200	1	824-AG32D	9-1437537-2
	-	6				1	824-AG31D	8-1437537-9
	-	5				1	824-AG30D	8-1437537-7
	-	7	.395/.405	.500	1.200	1	824-AG14D	8-1437537-6
	-	7				1	824-AG12D	8-1437537-5
	-	6	.595/.605	.700	1.200	1	824-AG11D	8-1437537-2
	-	5				1	824-AG10D	8-1437537-1
	-	6	.295/.305	.400	1.100	1	822-AG11D	7-1437537-8
OBsolete	W/RAILS	5					822-AG10D	7-1437537-7
	.180 PC LEAD	6					820-AR11D	7-1437537-6
	.180 PC LEAD	5	.295/.305	.400	1.000	1	820-AG45D	7-1437537-5
	.180 PC LEAD	6					820-AG44D	7-1437537-4
	.180 PC LEAD	7					820-AG43D	7-1437537-3
	HIGH RETENTION	6					820-AG34D	7-1437537-2
	-	7					820-AG12D	6-1437537-9
	-	6					820-AG11D	6-1437537-6
OBsolete	W/RAILS	5					820-AG10D	6-1437537-4
	.180 PC LEAD W/RAILS	6					818-AR44D	4-1437539-9
	W/RAILS	6					818-AR11D	6-1437537-2
	.180 PC LEAD	6	.295/.305	.400	.900	1	818-AG44D	6-1437537-1
	HIGH RETENTION S/B 5-1437537-7	6					818-AG34D	5-1437538-8
	-	7					818-AG12D	6-1437537-0
	-	6					818-AG11D	5-1437537-7
OBsolete	W/RAILS	5					818-AG10D	5-1437537-6
	.180 PC LEAD	6					816-AR11D	5-1437537-4
	.180 PC LEAD	5	.295/.305	.400	.800	1	816-AG45D	5-1437537-3
	.180 PC LEAD	6					816-AG44D	5-1437537-2
	HIGH RETENTION	6					816-AG34D	5-1437537-1
	HIGH RETENTION	5					816-AG33D	5-1437537-0
	-	7					816-AG12D	4-1437537-6
OBsolete	-	6					816-AG11D	4-1437537-0
	-	5					816-AG10D	3-1437537-7
	.180 PC LEAD, W/RAILS S/B 3-1437537-3	6					814-AR44D	5-1437533-2
	W/RAILS	6					814-AR11D	3-1437537-5
	.180 PC LEAD	5	.295/.305	.400	.700	1	814-AG45D	3-1437537-4
	.180 PC LEAD	6					814-AG44D	3-1437537-3
	.180 PC LEAD	7					814-AG43D	3-1437537-2
OBsolete	HIGH RETENTION	6					814-AG34D	3-1437537-1
	-	7					814-AG12D	2-1437537-9
	-	6					814-AG11D	2-1437537-4
	-	5					814-AG10D	2-1437537-1
	W/RAILS	6					808-AR11D	1-1437537-9
	.180 PC LEAD	5	.295/.305	.400	.400	3	808-AG45D	1-1437537-8
	.180 PC LEAD	6					808-AG44D	1-1437537-7
OBsolete	.180 PC LEAD	7					808-AG43D	1-1437537-5
	HIGH RETENTION	6					808-AG34D	1-1437537-4
	-	7					808-AG12D	1-1437537-2
	-	6					808-AG11D	0-1437537-8
	-	5					808-AG10D	0-1437537-5
	S/B 6-1437529-8	6	.295/.305	.400	.300	-	806-AG11D	2-1437533-5
	SUPERSEDED BY 6-1437529-5	5					806-AG10D	2-1437533-3
COMMENTS		PLATING	C	B	A	FIG	AUGAT PART NO.	TE PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWG. NO. R. BROWN	DEMAY04	Tyco Electronics Tyco Electronics Corporation Harrisburg, Pa 17105-3608
		CHKD. K. WRIGHT	DEMAY04	
DIMENSIONS: INCHES		TOLERANCES, UNLESS OTHERWISE SPECIFIED: DECIMALS ANGLES		NAME
		0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± .005 4 PLC ± ± — FINISH — —		DIP SOCKET, 800 SERIES
MATERIAL —		WEIGHT — CUSTOMER DRAWING		SIZE CAGE CODE DRAWING NO. A1 00779 C 1437539-2
		SCALE 1:1 SHEET 2 OF 4 REV A		RESTRICTED TO —

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		.295/.305	.400	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		.295/.305	.400	.800	1	816-AR11D-ES-LF	3-6437539-4
	.180 PC LEAD						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
	—		.295/.305	.400	1.200	1	824-AG31D-ESL	7-1437539-7
	—						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
	—		.295/.305	.400	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	W/RAILS						816-AR11D-ESL	3-1437539-5
OBSOLETE	W/RAILS						816-AR11D-ES	3-1437539-4
OBSOLETE	.180 PC LEAD		.295/.305	.400	.800	1	816-AG45D-ES	3-1437539-3
	.180 PC LEAD						816-AG44D-ESL	3-1437539-2
	—						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
	.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

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

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