

PREMIUM TABLE-MACHINED CONTACT:

TYCO P/N	REF. AUGAT P/N	POSITION	DIM. A	DIM. B	DIM. C	PLATING	CONTACT
0-1437542-6	706-AG1D	6	2	.200	.300	NOTE 2	STANDARD PC LEAD
0-1437542-7	706-AG2D	6	2	.200	.300	NOTE 3	STANDARD PC LEAD
7-1437542-7	708-AG10D	8	3	.300	.300	NOTE 7	LOW PROFILE
1-1437542-0	708-AG1D	8	3	.300	.300	NOTE 2	STANDARD PC LEAD
9-1437532-1	708-AG20D	8	3	.300	.300	NOTE 5	LOW PROFILE
1-1437542-1	708-AG2D	8	3	.300	.300	NOTE 3	STANDARD PC LEAD
1-1437542-3	714-AG1D	14	6	.600	.300	NOTE 2	STANDARD PC LEAD
1-1437542-4	714-AG20D	14	6	.600	.300	NOTE 5	LOW PROFILE
0-1437541-1	714-AG2D	14	6	.600	.300	NOTE 3	STANDARD PC LEAD
1-1437542-7	716-AG1D	16	7	.700	.300	NOTE 2	STANDARD PC LEAD
7-1437542-5	716-AG20D	16	7	.700	.300	NOTE 5	LOW PROFILE
1-1437542-9	716-AG2D	16	7	.700	.300	NOTE 3	STANDARD PC LEAD
2-1437542-2	718-AG1D	18	8	.800	.300	NOTE 2	STANDARD PC LEAD
2-1437542-4	718-AG2D	18	8	.800	.300	NOTE 3	STANDARD PC LEAD
7-1437542-8	718-AG20D	18	8	.800	.300	NOTE 5	LOW PROFILE
2-1437542-7	720-AG1D	20	9	.900	.300	NOTE 2	STANDARD PC LEAD
2-1437542-8	720-AG20D	20	9	.900	.300	NOTE 5	LOW PROFILE
2-1437542-9	720-AG2D	20	9	.900	.300	NOTE 3	STANDARD PC LEAD
3-1437542-2	722-AG1D	22	10	1.000	.400	NOTE 2	STANDARD PC LEAD
3-1437542-3	722-AG21D	22	10	1.000	.300	NOTE 2	STANDARD PC LEAD
3-1437542-4	722-AG22D	22	10	1.000	.300	NOTE 3	STANDARD PC LEAD
3-1437542-5	722-AG2D	22	10	1.000	.400	NOTE 3	STANDARD PC LEAD
3-1437542-7	724-AG10D	24	11	1.100	.300	NOTE 7	LOW PROFILE
3-1437542-8	724-AG1D	24	11	1.100	.300	NOTE 2	STANDARD PC LEAD
3-1437542-9	724-AG20D	24	11	1.100	.300	NOTE 5	LOW PROFILE
4-1437542-1	724-AG21D	24	11	1.100	.400	NOTE 2	STANDARD PC LEAD
4-1437542-3	724-AG2D	24	11	1.100	.300	NOTE 3	STANDARD PC LEAD
7-1437542-0	724-AG30D	24	11	1.100	.600	NOTE 7	LOW PROFILE
4-1437542-5	724-AG3D	24	11	1.100	.600	NOTE 2	STANDARD PC CARO
7-1437542-1	724-AG40D	24	11	1.100	.600	NOTE 5	LOW PROFILE
5-1447099-0	724-AG420D	24	11	1.100	.400	NOTE 5	LOW PROFILE
4-1437542-6	724-AG4D	24	11	1.100	.600	NOTE 3	STANDARD PC LEAD
5-1447099-1	728-AG20D	28	13	1.300	.600	NOTE 5	LOW PROFILE
5-1437542-0	728-AG30D	28	13	1.300	.600	NOTE 7	LOW PROFILE
5-1437542-1	728-AG3D	28	13	1.300	.600	NOTE 2	STANDARD PC LEAD
5-1437542-2	728-AG40D	28	13	1.300	.600	NOTE 5	LOW PROFILE
5-1437542-3	728-AG4D	28	13	1.300	.600	NOTE 3	STANDARD PC LEAD
5-1447099-7	730-AG1D	30	14	1.400	.600	NOTE 2	STANDARD PC LEAD
5-1437542-7	732-AG3D	32	15	1.500	.600	NOTE 2	STANDARD PC LEAD
0-1437533-5	732-AG40D	32	15	1.500	.600	NOTE 5	LOW PROFILE
5-1437542-8	732-AG4D	32	15	1.500	.600	NOTE 3	STANDARD PC LEAD
6-1437542-7	736-AG3D	36	17	1.700	.600	NOTE 2	STANDARD PC LEAD
0-1437533-6	736-AG4D	36	17	1.700	.600	NOTE 3	STANDARD PC LEAD
6-1447099-5	740-AG30D	40	19	1.900	.600	NOTE 7	LOW PROFILE
6-1437542-1	740-AG3D	40	19	1.900	.600	NOTE 2	STANDARD PC LEAD
6-1437542-2	740-AG40D	40	19	1.900	.600	NOTE 5	LOW PROFILE
6-1437542-4	740-AG4D	40	19	1.900	.600	NOTE 3	STANDARD PC LEAD

SUPERSEDED BY LOOSE CONTACT ASSY. 2-1437510-1

SUPERSEDED BY LOOSE CONTACT ASSY. 5-1437509-7

SUPERSEDED BY LOOSE CONTACT ASSY. 5-1437509-8

SUPERSEDED BY LOOSE CONTACT ASSY. 5-1437509-7

SUPERSEDED BY LOOSE CONTACT ASSY. 2-1437510-1

SUPERSEDED BY LOOSE CONTACT ASSY. 2-1437510-2

SUPERSEDED BY LOOSE CONTACT ASSY. 2-1437510-2

SUPERSEDED BY LOOSE CONTACT ASSY. 5-1437509-7

- NOTES:
- MATERIAL - CARRIER: ALUMINUM ALLOY; CONTACT: BERYLLIUM COPPER; SLEEVE: BRASS ALLOY
 - PLATING - 7XX-AG1D/30/21D (MACH CONT) OR 7XX-AG1D/30/21D-ES (STAMPED CONTACT): 20 UIN MIN. GOLD OVER 30 UIN MIN. NICKEL ON INNER CONTACT; 7.5 UIN MIN. GOLD OVER 50 UIN MIN. NICKEL ON SLEEVE.
 - PLATING - 7XX-AG2D/4D/22D (MACH CONT) OR 7XX-AG2D/4D/22D-ES (STAMP CONT): 20 UIN MIN. GOLD OVER 30 UIN MIN. NICKEL ON INNER CONTACT; 80 UIN MIN. TIN-LEAD OVER 50 UIN. COPPER ON SLEEVE.
 - PLATING - 7XX-AG2D/4D/22D-ESL (STAMP CONT) 5 UIN MIN. GOLD OVER 50 UIN MIN. NICKEL ON CONTACT; 80 UIN MIN. TIN-LEAD OVER 50 UIN MIN. COPPER ON SLEEVE.
 - PLATING - 7XX-AG20D/40D/320D/420D (MACH CONT) OR 7XX-AG20D/40D/320D/420D-ES (STAMPED CONTACT): 20 UIN MIN. GOLD OVER 30 UIN MIN. NICKEL ON INNER CONTACT; 180 UIN MIN. TIN-LEAD OVER 50 UIN MIN. COPPER ON SLEEVE.
 - PLATING - 7XX-AG20D/40D/320D/420D-ESL (STAMPED CONTACT): 5 UIN MIN. GOLD OVER 50 UIN MIN. NICKEL ON CONTACT; 180 UIN MIN. TIN-LEAD OVER 50 UIN. COPPER ON SLEEVE.
 - PLATING - 7XX-AG10D/30D/310D/410D (MACHINED CONTACT) OR 7XX-AG10D/30D/310D/410D-ES (STAMPED CONTACT): 20 UIN MIN. GOLD OVER 30 UIN MIN. NICKEL ON INNER CONTACT; 20 UIN MIN. GOLD OVER 50 UIN MIN. NICKEL ON SLEEVE.
 - PLATING - 7XX-AG14D (MACHINED CONTACT): 80 UIN MIN. TIN-LEAD OVER 75 UIN MIN. COPPER ON CONTACT; 80 UIN MIN. TIN-LEAD OVER 50 UIN COPPER ON SLEEVE.
 - MATING IC PIN: .016 TO .021 DIAMETER, .105 MIN. LENGTH
 - PCB HOLE SIZE RANGE: .035±.003 (STD. PC LEAD) AND .055±.001 (LOW PROFILE MOUNT).
 - NOT RECOMMENDED FOR PCB THICKNESS GREATER THAN .093.

REPLACEMENT SOCKET CONTACT ASSEMBLY

STANDARD PC LEAD	REF. AUGAT P/N	LOW PROFILE MOUNT	PLATING SCHEME
5-1437509-7	LSG-1AG14-1	---	GOLD CONTACT/GOLD SLEEVE
5-1437509-8	LSG-1AG14-14	---	GOLD CONTACT/TIN-LEAD SLEEVE
---	LSG-1DG17-1	2-1437510-1	GOLD CONTACT/GOLD SLEEVE
---	LSG-1DG17-14	2-1437510-2	GOLD CONTACT/TIN-LEAD SLEEVE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DATE: 140294
 BY: [Signature]
 TITLE: 700 SERIES AUGAT DIP SOCKETS, DISPOSABLE CARRIER

REVISIONS: 1
 DATE: 01/07/79
 BY: [Signature]

CUSTOMER DRAWING

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REV	DATE	DESCRIPTION	BY	CHK	APP
AD	00	SEE SHEET 1			

ECONOMY TABLE - STAMPED CONTACT:

TYCO P/N	REF. AUGAT P/N	POSITION	DIM. A	DIM. B	DIM. C	PLATING	CONTACT	
0-1437542-8	706-AG20-ES	6	2	.200	.300	NOTE 3	STANDARD PC LEAD	SUPERSEDED BY 1437542-7
0-1437542-9	706-AG20-ESL	6	2	.200	.300	NOTE 4	STANDARD PC LEAD	SUPERSEDED BY 1437542-7
1-1437542-2	708-AG20-ES	8	3	.300	.300	NOTE 3	STANDARD PC LEAD	SUPERSEDED BY 1-1437542-1
7-1437542-4	708-AG20-ESL	8	3	.300	.300	NOTE 4	STANDARD PC LEAD	SUPERSEDED BY 1-1437542-1
1-1437542-5	714-AG20-ES	14	6	.600	.300	NOTE 3	STANDARD PC LEAD	SUPERSEDED BY 1437541-1
1-1437542-6	714-AG20-ESL	14	6	.600	.300	NOTE 4	STANDARD PC LEAD	SUPERSEDED BY 1437541-1
1-1437542-8	716-AG200-ES	16	7	.700	.300	NOTE 5	LOW PROFILE	SUPERSEDED BY 7-1437542-5
2-1437542-0	716-AG20-ES	16	7	.700	.300	NOTE 3	STANDARD PC LEAD	SUPERSEDED BY 1-1437542-9
7-1437542-6	716-AG20-ESL	16	7	.700	.300	NOTE 4	STANDARD PC LEAD	SUPERSEDED BY 1-1437542-9
2-1437542-3	718-AG200-ESL	18	8	.800	.300	NOTE 6	LOW PROFILE	SUPERSEDED BY 7-1437542-8
2-1437542-5	718-AG20-ES	18	8	.800	.300	NOTE 3	STANDARD PC LEAD	SUPERSEDED BY 2-1437542-4
2-1437542-6	718-AG20-ESL	18	8	.800	.300	NOTE 4	STANDARD PC LEAD	SUPERSEDED BY 2-1437542-4
3-1437542-0	720-AG20-ES	20	9	.900	.300	NOTE 3	STANDARD PC LEAD	SUPERSEDED BY 2-1437542-9
3-1437542-1	720-AG20-ESL	20	9	.900	.300	NOTE 4	STANDARD PC LEAD	SUPERSEDED BY 2-1437542-9
3-1437542-6	722-AG20-ES	22	10	1.000	.400	NOTE 3	STANDARD PC LEAD	SUPERSEDED BY LOOSE CONTACT ASSY. 5-1437509-8
7-1437542-2	722-AG20-ESL	22	10	1.000	.400	NOTE 4	STANDARD PC LEAD	SUPERSEDED BY LOOSE CONTACT ASSY. 5-1437509-8
4-1437542-0	724-AG200-ES	24	11	1.100	.300	NOTE 5	LOW PROFILE	SUPERSEDED BY 3-1437542-9
4-1437542-2	724-AG200-ES	24	11	1.100	.400	NOTE 3	STANDARD PC LEAD	SUPERSEDED BY LOOSE CONTACT ASSY. 5-1437509-8
4-1437542-4	724-AG20-ES	24	11	1.100	.300	NOTE 3	STANDARD PC LEAD	SUPERSEDED BY 4-1437542-3
4-1437542-7	724-AG40-ES	24	11	1.100	.600	NOTE 3	STANDARD PC LEAD	SUPERSEDED BY 4-1437542-6
4-1437542-8	724-AG40-ESL	24	11	1.100	.600	NOTE 4	STANDARD PC LEAD	SUPERSEDED BY 4-1437542-6
5-1437542-4	728-AG40-ES	28	13	1.300	.600	NOTE 3	STANDARD PC LEAD	SUPERSEDED BY 5-1437542-3
5-1437542-5	728-AG40-ESL	28	13	1.300	.600	NOTE 4	STANDARD PC LEAD	SUPERSEDED BY 5-1437542-3
6-1447099-2	732-AG400-ES	32	15	1.500	.600	NOTE 5	LOW PROFILE	SUPERSEDED BY 1437533-5
5-1437542-9	732-AG40-ES	32	15	1.500	.600	NOTE 3	STANDARD PC LEAD	SUPERSEDED BY 5-1437542-8
6-1437542-0	732-AG40-ESL	32	15	1.500	.600	NOTE 4	STANDARD PC LEAD	SUPERSEDED BY 5-1437542-8
6-1437542-3	740-AG400-ES	40	19	1.900	.600	NOTE 5	LOW PROFILE	SUPERSEDED BY 6-1437542-2
6-1437542-5	740-AG40-ES	40	19	1.900	.600	NOTE 3	STANDARD PC LEAD	SUPERSEDED BY 6-1437542-4
6-1437542-8	740-AG40-ESL	40	19	1.900	.600	NOTE 4	STANDARD PC LEAD	SUPERSEDED BY 6-1437542-4

THIS DRAWING IS A CONTROLLED DOCUMENT		REV	00001	 Tyco Electronics Corporation Harrisburg, Pa 17105-3008
DIMENSIONS: A B C D E F G H I J K L M N O P Q R S T U V W X Y Z UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES DECIMALS ARE TO THREE PLACES FRACTIONS ARE TO SIXTEENTHS ANGLES ARE TO NEAREST MINUTE SURF FINISH: UNLESS OTHERWISE SPECIFIED ALL SURF FINISHES ARE TO BE AS MANUFACTURED SEE NOTE 1		DATE	0000	
PROJECT: CARRIER ASSY, LEAD SOCKET CUSTOMER DRAWING		REV	00001	PART NO: 1437542 REV: 00001 DATE: 0000
SHEET: 1 OF 3 TOTAL SHEETS: 3		REV	00001	PART NO: 1437542 REV: 00001 DATE: 0000

