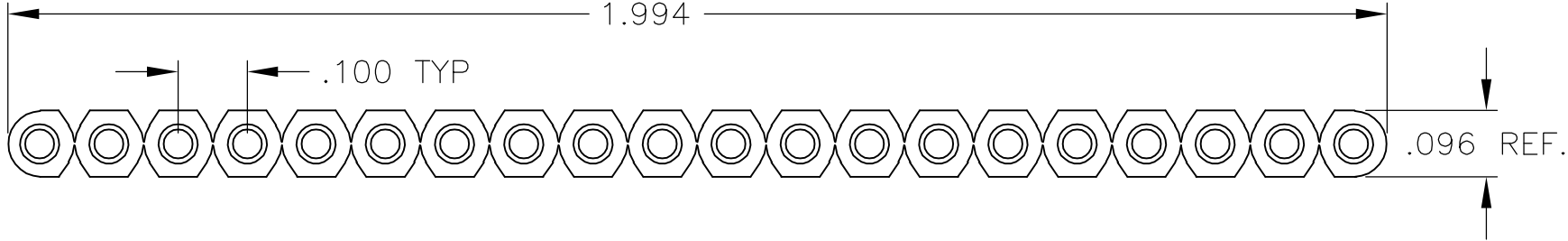
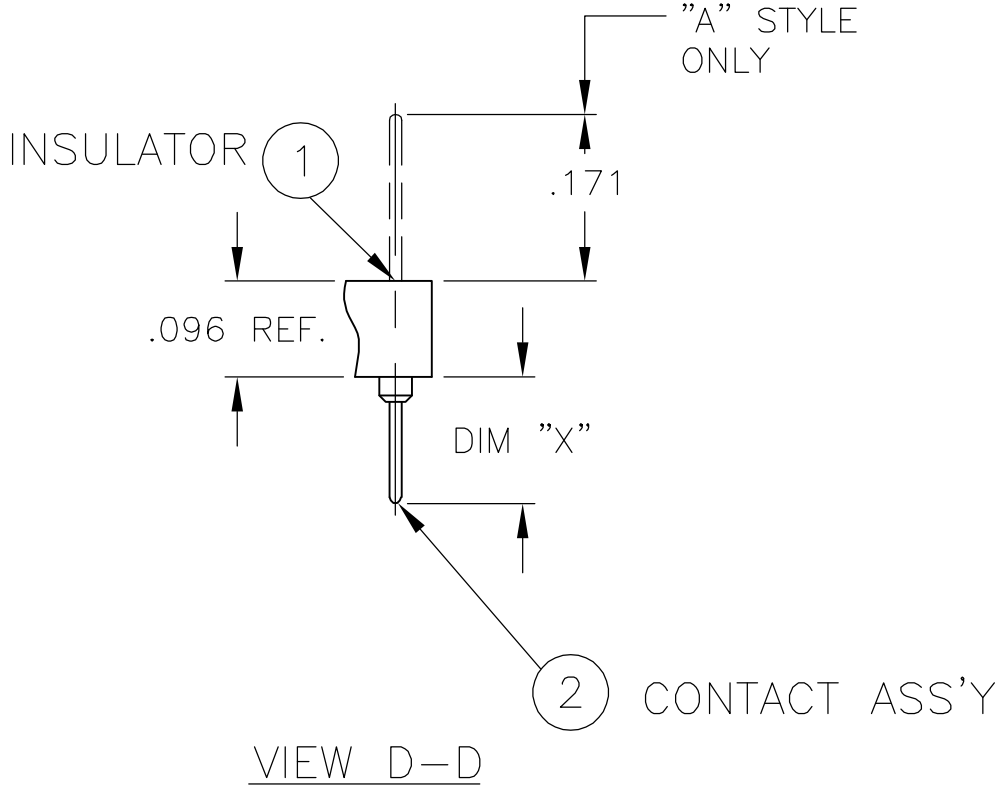


LOC		DIST		REVISIONS				
AD	00	P	LTR	DESCRIPTION		DATE	DWN	APVD
			O	EC 0G3C-0388-03		14SEP2004	BSV	KW

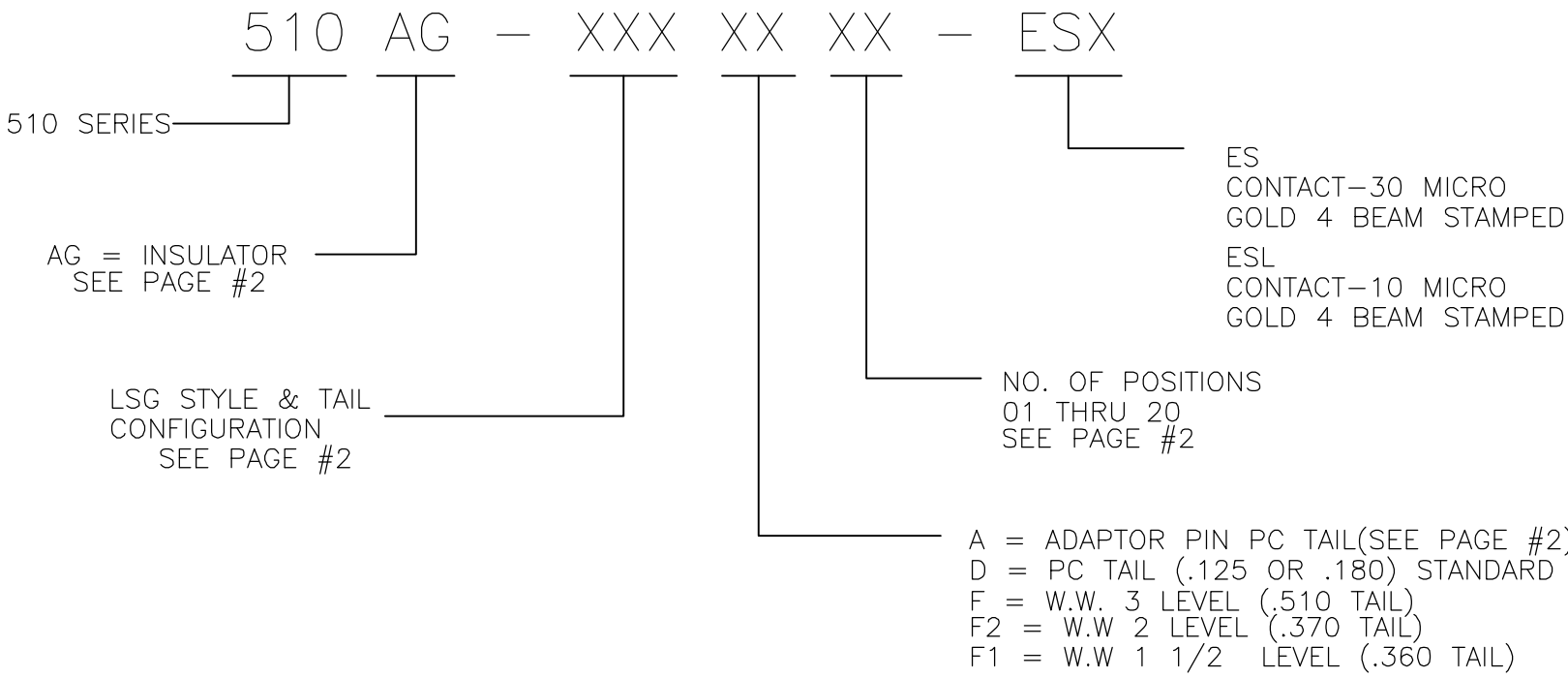


LSG STYLE	TAIL TYPE	DIM "X"
D	.125 P.C.	.210/.180
A	ADAPTOR PIN	.211/.183
D	.180 P.C.	.265/.235
F1	1 1/2 LEVEL W.W	.370/.340
F2	2 LEVEL W.W	.480/.450
F	3 LEVEL W.W	.620/.590

- NOTES:
- MATERIAL & FINISH:
1. INSULATOR :
- a) ADAPTOR PINS. .125 & .180 P.C TAILS- THERMOPLASTIC POLYESTER(BLACK) P.E.T RATED 94V-0.
- b) W.W TAILS - THERMOPLASTICPOLYESTER (BALCK) P.B.T RATED 94V-0
2. CONTACT ASS'Y - SEE PAGE 2.
3. (*) DENOTES PACKAGING TO BE 100063-54.
4. POSITIONS 1 THRU 4 TO BE PACKAGED IN ANTISTATIC BAG IN QTY'S OF 2,500 PCS

0.083	0.079	0.075	0.071	0.067	0.063	0.058	0.054	0.05	0.046	0.042	0.038	0.033	0.029	0.025	0.02	(SEE NOTE 4)				PACKAGING (NOT SHOWN)		100063-23	3
20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	CONTACT ASSY. (P.C TAIL LSG'S)		SEE PAGES 2,4, & 6	2
1	1	1	1	1	1	1	1	1	1	0.5	0.5	0.5	0.5	0.33	0.25	0.2	0.17	0.1	0.05	INSULATOR (ADAPTOR PINS .125 &.180 P.C TAILS)		820-5P1	1
QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	POSITIONS		PART NUMBER	ITEM NO.
20	19	18	17	16	15	14	13	12	11	10	09	08	07	06	05	04	03	02	01	B.O.M FOR P.C. TAIL SOCKET ASSEMBLIES			

0.083	0.079	0.075	0.071	0.067	0.063	0.058	0.054	0.05	0.046	0.042	0.038	0.033	0.029	0.025	0.02	(SEE NOTE 4)				PACKAGING (NOT SHOWN)		100063-23	3
20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	CONTACT ASSY. (W.W. TAIL LSG'S)		SEE PAGES 2,4, & 6	2
1	1	1	1	1	1	1	1	1	1	0.5	0.5	0.5	0.5	0.33	0.25	0.2	0.17	0.1	0.05	INSULATOR (W.W. TAILS)		820-5P1	1
QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	QTY.	POSITIONS		PART NUMBER	ITEM NO.
20	19	18	17	16	15	14	13	12	11	10	09	08	07	06	05	04	03	02	01	B.O.M FOR P.C. TAIL SOCKET ASSEMBLIES			



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DIMENSIONS: INCHES		CHK —	—	APVD K WRIGHT		NAME	
		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		ASSEMBLY SOCKET (.510 SERIES. S.I.P)	
MATERIAL		FINISH		APPLICATION SPEC		SIZE	RESTRICTED TO
—		—		WEIGHT		CAGE CODE	
				CUSTOMER DRAWING		DRAWING NO	
				SCALE 4:1		00779	
				SHEET 1 OF 3		1437530-5	
				REV 0			

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

D

510 SERIES — .125 PC.TAIL

LSG STYLE	LSG	LSG STYLE	LSG	LSG STYLE	LSG
90D	LSG—1AG344—1				
90DES	LSG—1AG75—1				
90DESL	LSG—1AG75—32				
91D	LSG—1AG346—14				
91DES	LSG—1AG255—14				
91DESL	LSG—1AG255—30				
92D	LSG—1AG346—27				
92DES	LSG—1AG255—27				
96D	LSG—1AG346—35				
90D	LSG—1AG74—1				
91D	LSG—1AG106—14				
92D	LSG—1AG106—27				
96D	LSG—1AG106—35				

C

510 SERIES — .180 P.C.TAIL

LSG STYLE	LSG	LSG STYLE	LSG	LSG STYLE	LSG
42D	LSG—1AG345—27				
42DES	LSG—1AG133—27				
44D	LSG—1AG345—14				
44DES	LSG—1AG133—14				
44DESL	LSG—1AG133—30				
45D	LSG—1AG345—1				
45DES	LSG—1AG133—1				
45DESL	LSG—1AG133—32				
133D	LSG—1AG345—37				
42D	LSG—1AG76—27				
44D	LSG—1AG76—14				
45D	LSG—1AG76—1				
133D	LSG—1AG76—37				

B

510 SERIES — ADAPTOR PIN WITH P.C TAIL

LSG STYLE	LSG	LSG STYLE	LSG	LSG STYLE	LSG
90A	8128—195P3				
92A	8128—195P5				

D

C

510 SERIES — W.W.TAIL

LSG STYLE	LSG	LSG STYLE	LSG	LSG STYLE	LSG
90F	LSG—1FG162—1				
90FES	LSG—1FG86—1				
90FESL	LSG—1FG86—32				
90F2	LSG—1FG161—1				
90F2ES	LSG—1FG87—1				
90F2ESL	LSG—1FG87—32				
91F	LSG—1FG162—14				
91FES	LSG—1FG86—14				
91FESL	LSG—1FG86—30				
91F1	LSG—1FG46—1				
91F2	LSG—1FG161—14				
91F2ES	LSG—1FG87—14				
91F2ESL	LSG—1FG87—30				
92F	LSG—1FG162—27				
92FES	LSG—1FG86—27				
92F2	LSG—1FG161—27				
92F2ES	LSG—1FG87—27				
90F	LSG—1FG41—1				
90F2	LSG—1FG40—1				
91F	LSG—1FG41—14				
91F2	LSG—1FG40—14				
92F	LSG—1FG41—27				
92F	LSG—1FG40—27				

1437530-5

B

A

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

MATERIAL

—

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH —

DWN BSV 14SEP2004

CHK —

APVD K WRIGHT

PRODUCT SPEC —

APPLICATION SPEC —

WEIGHT —

CUSTOMER DRAWING

Tyco Electronics

Tyco Electronics Corporation

Harisburg, Pa 17105-3808

NAME

ASSEMBLY SOCKET
(.510 SERIES. S.I.P)

—

SIZE A2

CAGE CODE 00779

DRAWING NO C=1437530-5

RESTRICTED TO —

SCALE 1:1

SHEET 2 OF 3

REV 0

4

3

2

1

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(D) STANDARD .125 P.C TAIL LSG CONFIGURATIONS AND PLATING

LSG-1AGXXX-1
SLEEVE - TAPERED ENTRY BRASS. GOLD PLATE 10 MICRON AVG.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 30 MICRON AVG.

LSG-1AGXXX-14
SLEEVE - TAPERED ENTRY COPPER. TIN/LEAD PLATE.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 30 MICRON AVG.

LSG-1AGXXX-27
SLEEVE - TAPERED ENTRY COPPER. TIN/LEAD PLATE.
CONTACT - TAPERED ENTRY BERY. TIN/LEAD PLATE.

LSG-1AGXXX-30
SLEEVE - TAPERED ENTRY COPPER. TIN/LEAD PLATE.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 10 MICRON AVG.

LSG-1AGXXX-31
SLEEVE - TAPERED ENTRY COPPER. TIN/LEAD PLATE.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 50 MICRON AVG.

LSG-1AGXXX-32
SLEEVE - TAPERED ENTRY BRASS GOLD PLATE. 10 MICRON AVG.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 10 MICRON AVG.

LSG-1AGXXX-33
SLEEVE - TAPERED ENTRY COPPER. GOLD PLATE. 10 MICRON AVG.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 50 MICRON AVG.

LSG-1AGXXX-35
SLEEVE - TAPERED ENTRY COPPER. GOLD PLATE. 10 MICRON AVG.
CONTACT - TAPERED ENTRY BERY. COPPER. TIN/LEAD PLATE.
(ONLY AVAILABLE WITH LSG-1AG106-XX)

LSG-1AGXXX-36
SLEEVE - TAPERED ENTRY COPPER. TIN/LEAD PLATE.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 50 MICRON AVG.
(ONLY AVAILABLE WITH LSG-1AG106-XX)

(D) STANDARD .125 P.C. TAIL LSG DESCRIPTIONS

LSG-1AG74-XX
SLEEVE - MACHINED TAPERED ENTRY BRASS.
CONTACT - NORMAL FORCE :4 BEAM MACHINED.

LSG-1AG75-XX
SLEEVE - MACHINED TAPERED ENTRY BRASS.
CONTACT - NORMAL FORCE :4 BEAM STAMPED.

LSG-1AG106-XX
SLEEVE - COLD-HEADED TAPERED ENTRY COPPER.
CONTACT - NORMAL FORCE :4 BEAM MACHINED.

LSG-1AG255-XX
SLEEVE - COLD HEADED TAPERED ENTRY COPPER.
CONTACT - NORMAL FORCE :4 BEAM STAMPED.

LSG-1AG344-XX
SLEEVE - MACHINED TAPERED ENTRY BRASS.
CONTACT - NORMAL FORCE :4 BEAM MACHINED.

LSG-1AG106-XX
SLEEVE - COLD-HEADED TAPERED ENTRY COPPER.
CONTACT - NORMAL FORCE :4 BEAM MACHINED.

(D) STANDARD .180 P.C TAIL LSG CONFIGURATIONS AND PLATING

LSG-1AGXXX-1
SLEEVE - TAPERED ENTRY BRASS. GOLD PLATE 10 MICRON AVG.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 30 MICRON AVG.

LSG-1AGXXX-14
SLEEVE - TAPERED ENTRY BRASS. TIN/LEAD PLATE.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 30 MICRON AVG.

LSG-1AGXXX-27
SLEEVE - TAPERED ENTRY BRASS. TIN/LEAD PLATE.
CONTACT - TAPERED ENTRY BERY. TIN/LEAD PLATE.

LSG-1AGXXX-30
SLEEVE - TAPERED ENTRY BRASS. TIN/LEAD PLATE.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 50 MICRON AVG.

LSG-1AGXXX-31
SLEEVE - TAPERED ENTRY COPPER. TIN/LEAD PLATE.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 50 MICRON AVG.

LSG-1AGXXX-32
SLEEVE - TAPERED ENTRY BRASS GOLD PLATE. 10 MICRON AVG.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 10 MICRON AVG.

LSG-1AGXXX-33
SLEEVE - TAPERED ENTRY BRASS. GOLD PLATE. 10 MICRON AVG.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 50 MICRON AVG.

(A) ADAPTOR PIN -P.C. TAIL PLATING

8128-XXXP3 - GOLD PLATED. 10 MICRON AVG.

8128-XXXP5 - TIN/LEAD PLATED

(D) STANDARD .180 P.C. TAIL LSG DESCRIPTIONS

LSG-1AG76-XX
SLEEVE - MACHINED TAPERED ENTRY BRASS.
CONTACT - NORMAL FORCE :4 BEAM MACHINED.

LSG-1AG133-XX
SLEEVE - MACHINED TAPERED ENTRY BRASS.
CONTACT - NORMAL FORCE :4 BEAM STAMPED.

LSG-1AG345-XX
SLEEVE - MACHINED TAPERED ENTRY BRASS.
CONTACT - NORMAL FORCE :4 BEAM MACHINED.

(A) ADAPTOR PIN -P.C. TAIL PIN DESCRIPTION

8128-195PX - MACHINED BRASS.

(F) STANDARD .WIREWRAP TAIL LSG CONFIGURATIONS AND PLATING

LSG-1AGXXX-1
SLEEVE - TAPERED ENTRY BERY. COPPER. GOLD PLATE 10 MICRON AVG.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 30 MICRON AVG.

LSG-1AGXXX-14
SLEEVE - TAPERED ENTRY BERY. COPPER. TIN/LEAD PLATE.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 30 MICRON AVG.

LSG-1AGXXX-27
SLEEVE - TAPERED ENTRY BERY. COPPER. TIN/LEAD PLATE.
CONTACT - TAPERED ENTRY BERY. TIN/LEAD PLATE.

LSG-1AGXXX-30
SLEEVE - TAPERED ENTRY BERY. COPPER. TIN/LEAD PLATE.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 10 MICRON AVG.

LSG-1AGXXX-31
SLEEVE - TAPERED ENTRY BERY. COPPER. TIN/LEAD PLATE.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 50 MICRON AVG.

LSG-1AGXXX-32
SLEEVE - TAPERED ENTRY BERY. COPPER. GOLD PLATE. 10 MICRON AVG.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 10 MICRON AVG.

LSG-1AGXXX-33
SLEEVE - TAPERED ENTRY BERY. COPPER. GOLD PLATE. 10 MICRON AVG.
CONTACT - TAPERED ENTRY BERY. COPPER. GOLD PLATE 50 MICRON AVG.

(F) STANDARD WIREWRAP TAIL LSG DESCRIPTIONS

F LSG-1FG41-XX
F2 LSG-1FG40-XX
F1 LSG-1FG46-XX
SLEEVE - TAPERED ENTRY BERY. COPPER.
CONTACT - NORMAL FORCE 4 BEAM MACHINED.

F LSG-1FG58-XX
F2 LSG-1FG59-XX
F1 LSG-1FG126-XX
SLEEVE - TAPERED ENTRY BERY. COPPER.
CONTACT - LOW FORCE : 4 BEAM MACHINED.

F LSG-1FG86-XX
F2 LSG-1FG87-XX
F1 LSG-1FG43-XX
SLEEVE - TAPERED ENTRY BERY. COPPER.
CONTACT - NORMAL FORCE 4 BEAM STAMPED.

F LSG-1FG84-XX
F2 LSG-1FG83-XX
SLEEVE - TAPERED ENTRY BERY. COPPER.
CONTACT - NORMAL FORCE 4 BEAM MACHINED.
*(F1 NOT NEEDED AT PRESENT)

F LSG-1FG162-XX
F2 LSG-1FG161-XX
SLEEVE - TAPERED ENTRY BERY. COPPER.
CONTACT - NORMAL FORCE : 4 BEAM MACHINED.
*(F1 NOT NEEDED AT PRESENT)

LOCAD

DIST00

REVISIONS

P

LTR

DESCRIPTION

DATE

DWN

APVD

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SEE SHEET 1

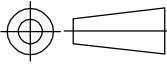
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DIMENSIONS:
INCHES



MATERIAL

—

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH

—

DWNBSV

CHK—

APVDK WRIGHT

PRODUCT SPEC—

APPLICATION SPEC—

WEIGHT—

CUSTOMER DRAWING

14SEP2004

145EP2004

tyco

Electronics

Tyco Electronics Corporation

Harisburg, Pa 17105-3808

NAME

0

(.510 SERIES. S.I.P)

—

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

A2

00779

C=1437530-5

—

SCALE

1:1

SHEET

3

OF

3

REV

0

AMP 3307-7 REV 31MAR2000

1437530-5

1437530-5

1437530-5

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