

FIGURE 1. DIMENSIONS AND CONFIGURATIONS

DIMENSIONS ARE IN INCHES[METRIC]
 TOLERANCES ARE:
 DECIMALS ANGLES
 .XX ± .010 [.3mm] ± 2°
 .XXX ± .005 [.13mm]
 TOLERANCES ARE NON-CUMULATIVE

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APPROVALS		DATE	
DRAWN	T. LE	4-18-89	
CHECKED	J Mc ALLISTER	4-18-89	
REV	DESC.	DATE	INT
A	ECR 1028	4-18-89	JMc.A
B	DO 7612	4-14-21	T.L.

CA	CIRCUIT ASSEMBLY CORP.		
	6 AUTRY SUITE 150, IRVINE, CALIFORNIA 92618		
SPECIFICATION - CONNECTOR DUAL-IN-LINE PLUG (DIP), TYPE P, "RoHS"			
SIZE	CODE IDENT NO.	DRAWING NO.	REV.
A	52072	100123	B
SCALE:	NONE	DO NOT SCALE DRAWING	SHEET 1 OF 4

NO. OF POSITION	A		B		C		D	
	IN	MM	IN	MM	IN	MM	IN	MM
08	.450	11.43	.300	7.62	.300	7.62	.470	11.94
14	.750	19.05	.600	15.24	.300	7.62	.470	11.94
16	.850	21.59	.700	17.78	.300	7.62	.470	11.94
18	.950	24.13	.800	20.32	.300	7.62	.470	11.94
20	1.050	26.67	.900	22.86	.300	7.62	.470	11.94
22	1.150	29.21	1.000	25.40	.400	10.16	.570	14.48
24	1.250	31.75	1.100	27.94	.600	15.24	.795	20.19
28	1.450	36.83	1.300	33.02	.600	15.24	.795	20.19
36	1.850	46.99	1.700	43.18	.600	15.24	.795	20.19
40	2.050	52.07	1.900	48.26	.600	15.24	.795	20.19
46	2.345	59.56	2.200	55.88	.300	7.62	.470	11.94
48	2.450	62.23	2.300	58.42	.600	15.24	.770	19.56
64	3.250	82.55	3.100	78.74	.900	22.86	1.070	27.18

DASH NO.	E		F		G	
	IN	MM	IN	MM	IN	MM
00	.190	4.83	.025	0.64	.060	1.52
01	.150	3.81	.025	0.64	.060	1.52
02	.190	4.83	.018	0.46	.060	1.52
03	.250	6.35	.018	0.46	.060	1.52
04	.150	3.81	.018	0.46	.060	1.52
05	.110	2.79	.018	0.46	.060	1.52
06	.250	6.35	.018	0.46	.080	2.03
07	.190	4.83	.018	0.46	.080	2.03
08	.150	3.81	.018	0.46	.080	2.03
09	.110	2.79	.018	0.46	.080	2.03
10	.250	6.35	.018	0.46	.100	2.54
11	.190	4.83	.018	0.46	.100	2.54
12	.150	3.81	.018	0.46	.100	2.54
13	.110	2.79	.018	0.46	.100	2.54
14	.250	6.35	.018	0.46	.150	3.81
15	.190	4.83	.018	0.46	.150	3.81
16	.150	3.81	.018	0.46	.150	3.81
17	.110	2.79	.018	0.46	.150	3.81
18	.250	6.35	.018	0.46	.200	5.08
19	.190	4.83	.018	0.46	.200	5.08
20	.150	3.81	.018	0.46	.200	5.08
21	.110	2.79	.018	0.46	.200	5.08
22	.250	6.35	.018	0.46	.250	6.35
23	.190	4.83	.018	0.46	.250	6.35
24	.150	3.81	.018	0.46	.250	6.35
25	.110	2.79	.018	0.46	.250	6.35

TABLE I. SIZES AND CHARACTERISTICS

 CIRCUIT ASSEMBLY CORP. 6 AUTRY SUITE 150, IRVINE, CALIFORNIA 92618	SIZE A	CODE IDENT NO. 52072	DRAWING NO. 100123	REV. B
	DRAWN: T. LE	ISSUED: 4/18/89	SCALE: <input type="checkbox"/>	DO NOT SCALE DRAWING

I. MECHANICAL

A. INTERFACE:

ROUND CONDUCTOR, 24 AWG STRANDED, 22 AWG SOLID TO .100 X .300 INCH SPACED (08, 14, 16, 18, 20, & 46 POSITIONS), OR .100 X .400 INCH SPACED (22 POSITION), OR .100 X .600 SPACED (24, 28, 36, 40 & 48 POSITIONS), OR .100 X .900 SPACED (64 POSITION) DUAL-IN-LINE SOCKETS.

CONNECTOR MAY ALSO BE SOLDERED DIRECTLY INTO PW BOARD.

B. MATERIALS:

BODY NYLON, 30% GLASS REINFORCED,
FLAMMABILITY RATING UL 94V-0,
COLOR: BLACK
PER CA SPECIFICATION NO. 100010

CONTACT BRASS, ALLOY 260, SPRING TEMPER
PER FED. SPEC. QQ-B-613

CONTACT FINISH TYPE B = .000010 [.00025] GOLD
TYPE T = .000250 [.00635] TIN
UNDER PLATE = .000075 [.00190] NICKEL
PLATING MEETS THE REQUIREMENTS OF
CA SPECIFICATION NO. 100003 - QUALITY
ASSURANCE PLATING SPECIFICATION
CONTACTS & PINS.

2. ENVIROMENTAL

TEMPERATURE RATING: -65°C TO +125°C

3. ELECTRICAL

A. RATING:

CURRENT 1 AMP.
VOLTAGE 300 VRMS

B. PERFORMANCE:

DIELECTRIC WITHSTANDING VOLTAGE (AT SEA LEVEL) 500 VRMS MIN.

INSULATION RESISTANCE > 5000 MEGOHMS



CIRCUIT ASSEMBLY CORP.
6 AUTRY SUITE 150, IRVINE, CALIFORNIA 92618

SIZE

A

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52072

DRAWING NO.

100123

REV.

B

DRAWN: T. LE

ISSUED: 4/18/89

SCALE:

DO NOT SCALE DRAWING

SHEET 3 OF 4

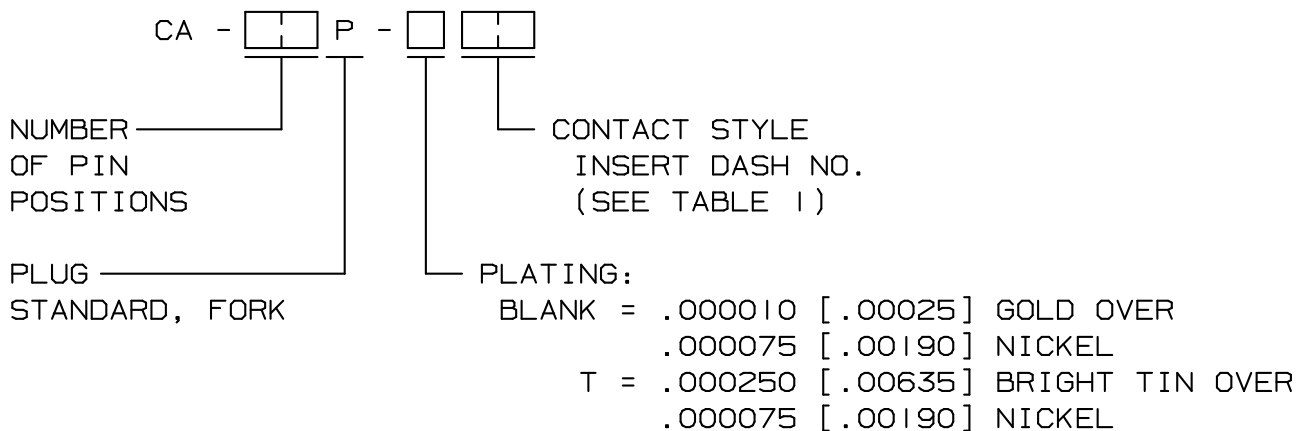
4. UNDERWRITERS LABORATORIES RECOGNITION

CONNECTOR IS AN APPROVED COMPONENT FOR USE ON ASSEMBLIES MANUFACTURED UNDER THE WIRING HARNESS PROGRAM. CA'S FILE NO. E55138.

5. CANADIAN STANDARDS ASSOCIATION CERTIFICATION


CONNECTOR IS A CERTIFIED COMPONENT UNDER RECEPTACLES-ATTACHMENT PLUG TYPE AND PLUGS. FILE NO. LR65050.

6. ORDERING NOMENCLATURE



7. "RoHS" STATEMENT:

MEETS THE REQUIREMENTS OF THE EUROPEAN PARLIAMENT AND THE RESTRICTION OF THE USE OF CERTAIN HAZARDOUS SUBSTANCES IN ELECTRICAL AND ELECTRONIC EQUIPMENT. (RoHS)

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DRAWN: T. LE	ISSUED: 4/18/89	SCALE: <input type="checkbox"/>	DO NOT SCALE DRAWING	SHEET 4 OF 4