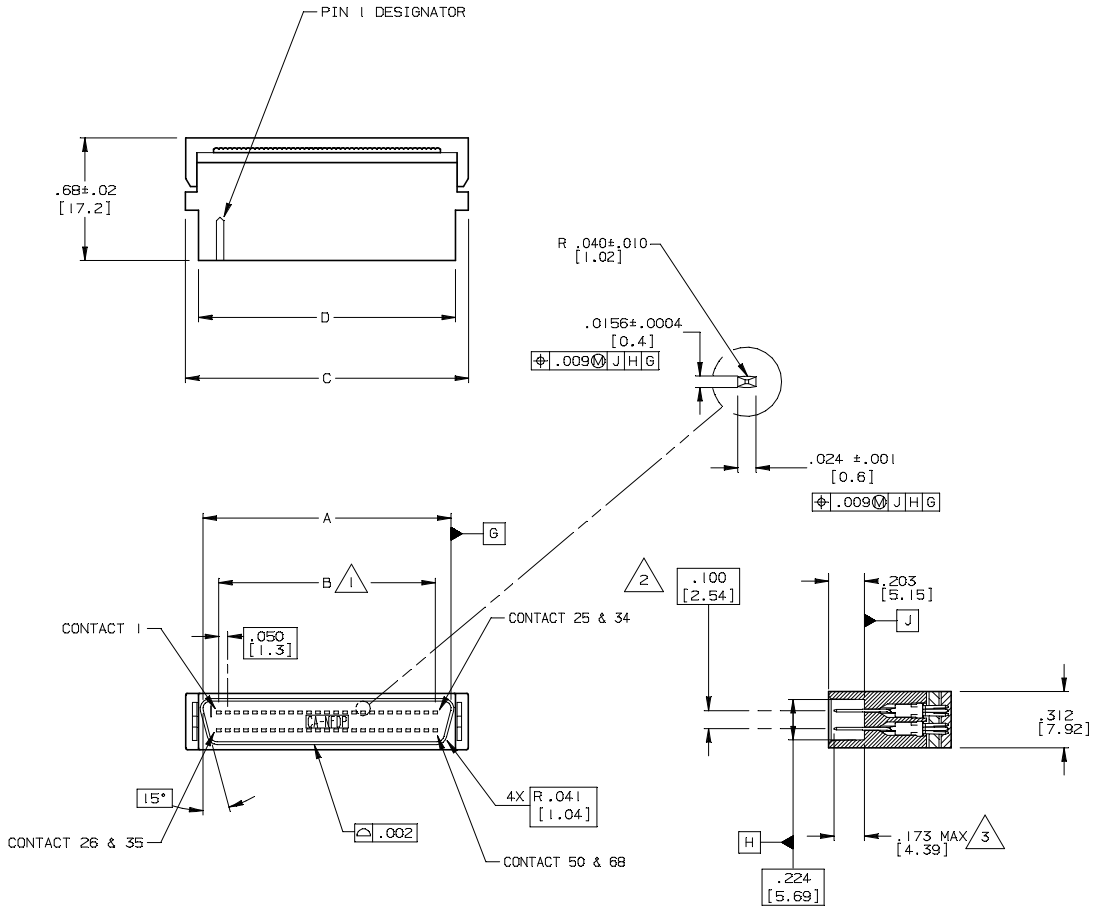
PART NO.	CA-XXNFDP-X-P

REVISIONS				
LTR	DESCRIPTION		DATE	APPROVED
A	INITIAL RELEASE SEE ECR 2780		08-04-94	A.J
B	SEE ECO 2316		07-06-95	A.J.
C	SEE ECO 2539	PH	05-14-96	J.McA
D	SEE ECO 2609	PH	05-14-96	J.McA
E	SEE ECO 2751	DL	07-16-97	J.McA
F	SEE DO 3803	DL	12-06-99	A.J.
G	SEE DO 4344	CLW	2/28/01	A.J.



CA — □□ NFDP — □ — P

NUMBER OF PIN POSITIONS

INSULATION DISPLACEMENT D-TYPE PLUG

CONTACT PLATING

C = .000015 [.00038] GOLD CONTACT AREA

E = .000030 [.00076] GOLD CONTACT AREA

STYLE:

P = ALL PLASTIC

4. X DENOTES INSPECTIONS CRITERIA LINE ITEM NUMBER

3. FOR DETAIL SPECIFICATION SEE SPEC. NO.100196

2. SPECIFICATION:

ENVIROMENTAL:

EIA-364-B ENVIRONMENTAL CLASS 1.3

TEMPERATURE RANGE: -55° C TO +105° C

MECHANICAL:

INSULATOR MATERIAL: GLASS FILLED POLYESTER
COLOR BLACK, UL94V-O

CONTACT MATERIAL: PHOSPHOR BRONZE

DURABILITY: 500 CYCLES MIN.

ELECTRICAL:

CURRENT RATING: 0.5 AMP

DIELECTRIC WITHSTANDING VOLTAGE: 500 VDC FOR 1 MINUTE

INSULATOR RESISTANCE: 1000 MEGOHMS MIN.

CONTACT RESISTANCE:

25 MILLIOHMS MAX MEASURED THROUGH INSULATION DISPLACEMENT PORTION AND MATING PIN; 15 MILLIOHMS MAX THROUGH MALE/FEMALE CONTACT INTERFACES

1. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994

NOTES: UNLESS OTHERWISE SPECIFIED

TABULATION:

NO. OF POSITIONS	A		B		C		D	
	IN	MM	IN	MM	IN	MM	IN	MM
50	1.372	34.85	1.200	30.48	1.568	39.83	1.425	36.19
68	1.822	46.28	1.650	41.91	2.018	51.26	1.883	47.83

DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
DECIMALS ANGLES
.XX ± .01 ± 1°
.XXX ± .005

DIMENSIONS IN BRACKETS [XX.X] ARE IN MILLIMETERS
TOLERANCES ARE:
DECIMALS ANGLES
.X ± .25 ± 1°
.XX ± .13

DO NOT SCALE DRAWING

APPROVALS	DATE
DRAWN P.HAAR	8/5/94
CHECKED A.JOCHEN	8/5/94

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CA CIRCUIT ASSEMBLY CORP.
18 THOMAS ST., IRVINE, CALIFORNIA 92718-2703

CONN ASSY-UNSHIELDED HIGH-DENSITY
IDC PLUG .050 CL 30 AWG
CA-NFDP SERIES

SIZE	CODE IDENT NO.	DRAWING NO.	REV.
C	52072	620351-XX	G

SCALE: 2 : 1 SHEET 1 OF 1

620-006