					REVISIONS			
LOC AD	DIST 39	P	LTR		DESCRIPTION	DATE	DWN	APVD
			H	REVISED PER ECO-14-000068		23APR2014	NK	MM

.092 ±.004

△3 .046±.003

.025±.001 TYP ⊕ .015 Ⓜ TYP AT POST TIPS

.100 △4

.200

.318

(CONTACT AREA)

.125 ±.015

.090±.003

C REF

A SP AT .100 = B

.042±.008 2 PLC △3 ⊕ .015 Ⓜ TYP AT POST TIPS

1   ASSEMBLY MAY BE BROKEN TO THE DESIRED NUMBER OF POSITIONS

2   TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADERS ARE HELD
     FLAT AGAINST THE PRINTED CIRCUIT BOARD

△3   THE NOTED DIMENSIONS APPLY AT THE INTERSECTION OF THE POST AND HOUSING

△4   POINT OF MEASUREMENT FOR PLATING THICKNESS

△5   OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI

.100±.003 TYP
TOL NON-CUMULATIVE

.035±.003 DIA TYP
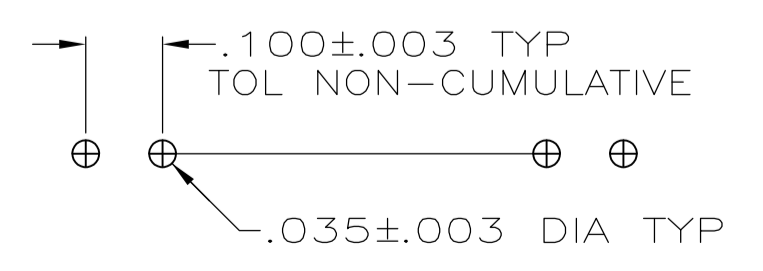
RECOMMENDED HOLE LAYOUT

C	B	A	NO OF POSN	PART NUMBER
3.984	3.900	39	40	4-102972-0
3.884	3.800	38	39	3-102972-9
3.784	3.700	37	38	3-102972-8
3.684	3.600	36	37	3-102972-7
3.584	3.500	35	36	3-102972-6
3.484	3.400	34	35	3-102972-5
3.384	3.300	33	34	3-102972-4
3.284	3.200	32	33	3-102972-3
3.184	3.100	31	32	3-102972-2
3.084	3.000	30	31	3-102972-1
2.984	2.900	29	30	3-102972-0
2.884	2.800	28	29	2-102972-9
2.784	2.700	27	28	2-102972-8
2.684	2.600	26	27	2-102972-7
2.584	2.500	25	26	2-102972-6
2.484	2.400	24	25	2-102972-5
2.384	2.300	23	24	2-102972-4
2.284	2.200	22	23	2-102972-3
2.184	2.100	21	22	2-102972-2
2.084	2.000	20	21	2-102972-1
1.984	1.900	19	20	2-102972-0
1.884	1.800	18	19	1-102972-9
1.784	1.700	17	18	1-102972-8
1.684	1.600	16	17	1-102972-7
1.584	1.500	15	16	1-102972-6
1.484	1.400	14	15	1-102972-5
1.384	1.300	13	14	1-102972-4
1.284	1.200	12	13	1-102972-3
1.184	1.100	11	12	1-102972-2
1.084	1.000	10	11	1-102972-1
.984	.900	9	10	1-102972-0
.884	.800	8	9	102972-9
.784	.700	7	8	102972-8
.684	.600	6	7	102972-7
.584	.500	5	6	102972-6
.484	.400	4	5	102972-5
.384	.300	3	4	102972-4
.284	.200	2	3	102972-3
.184	.100	1	2	102972-2
.084	—	—	1	102972-1

△5 OBSOLETE (large bracket spanning upper part)
△5 OBSOLETE 3-102972-1
△5 OBSOLETE (bracket)
△5 SUPERCEDED BY 7-146276-3 2-102972-3
△5 OBSOLETE 2-102972-2
△5 SUPERCEDED BY 7-146276-1 2-102972-1
△5 OBSOLETE (bracket)
△5 OBSOLETE 1-102972-6
△5 SUPERCEDED BY 6-146276-4 1-102972-4
△5 OBSOLETE 1-102972-3

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
INCHES

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC   ± -
1 PLC   ± -
2 PLC   ± -
3 PLC   ± .005
4 PLC   ± - -
ANGLES

DWN H MOLL 10-9-87
CHK T. CLARK 10-12-87
APVD R. FLICKER 10-12-87
PRODUCT SPEC —
APPLICATION SPEC —

MATERIAL
HOUSING:
FLAME RETARDANT
THERMOPLASTIC,
COLOR-BLACK
POSTS: COPPER ALLOY

FINISH
POSTS:
.000015 GOLD ON CONTACT AREA
.000100-.000200 MATTE TIN-LEAD
ON SOLDER TAIL, ALL OVER .000050 NICKEL

≡TE   TE Connectivity

NAME HEADER ASSY, MOD II, BREAKAWAY,
SINGLE ROW, .100 VERTICAL
WITH .025 SQUARE POSTS

WEIGHT —

SIZE A1 | CAGE CODE 00779 | DRAWING NO © 102972 | RESTRICTED TO —

CUSTOMER DRAWING   SCALE 4:1   SHEET 1 OF 1   REV H

4805 (3/11)

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  [102972-2](#)