NOTES:

1. DELETED

2. DIMENSIONS SHOWN IN BRACKETS [ ] ARE IN MILLIMETERS AND SHOWN FOR REF. ONLY

3. CATALOG NO. CODE: NJ ◪ ** D ◺ ◐ △

◪ = END CONFIGURATION:
BLANK = NO OPEN END
"S" = ONE OPEN END

** = NUMBER OF CONTACT PAIRS (POSITIONS)

D = GRID SPACING:
.125 x .250 [3.18 x 6.35]

◺ = CARD SLOT DEPTH (G DIM.):

1 =	.415	[10.54]	STANDARD
2 =	.350	[8.89]	OPTIONAL ON SHADED ENDS ONLY
3 =	.300	[7.62]	

◐ = TAIL LENGTH (F DIM.):

			J DIM REF		
1 =	.189	[4.80]	1 =	.025	[0.64]
2 =	.480	[12.19]	2 =	.316	[8.03]
3 =	.575	[14.60]	3 =	.411	[10.44]
4 =	.707	[17.95]	4 =	.543	[13.79]
5 =	.805	[20.44]	5 =	.641	[16.28]

△ = PLATING: SEE SELECTIVE PLATING CHART

4. MARK "WIN. EL.", PART NO. & DATE CODE USING .12 [3.1] HIGH GOTHIC CHARACTERS IN INK OF CONTRASTING COLOR LOCATED APPROX. AS SHOWN

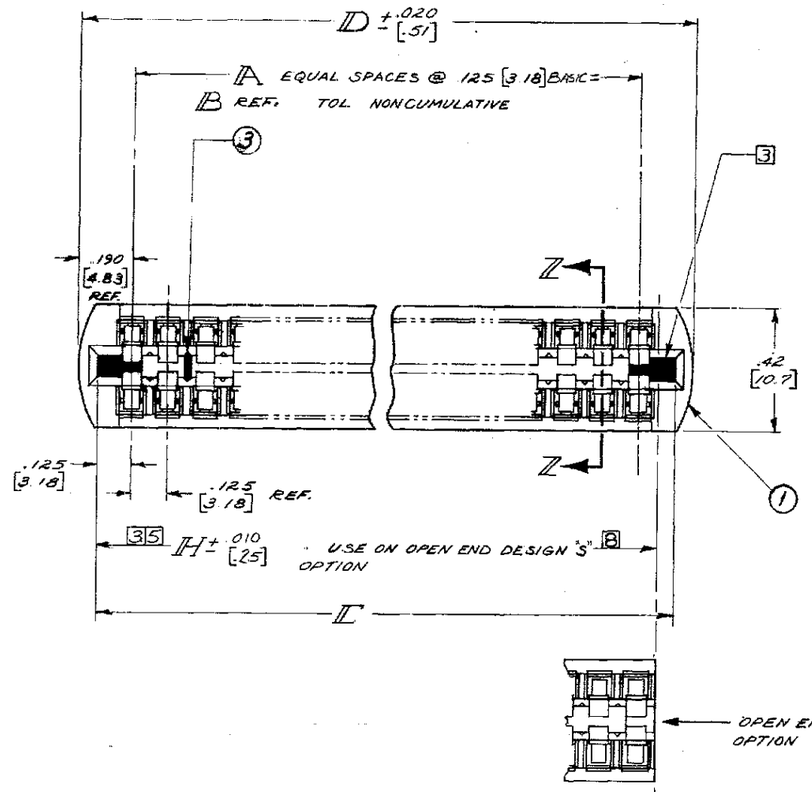
5.

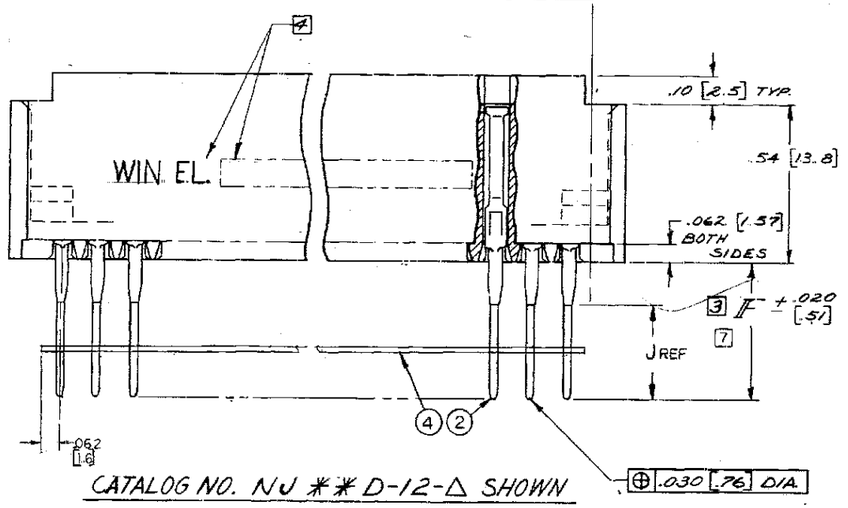
6. TO DETERMINE DIMENSIONS NOT SHOWN IN CHART EACH ADDITIONAL PAIR POSITION ADDED TO POSITION SHOWN, INCREASED DIMENSION BY .125 [3.18].
EXAMPLE:
SIZE 20 DIM. G
2.000 + (5 X .125) = 2.625
[50.80] + (5 X [3.18]) = [66.68]

7. THESE DIMENSIONS APPLY AFTER PRESSED INTO P.C. BOARD

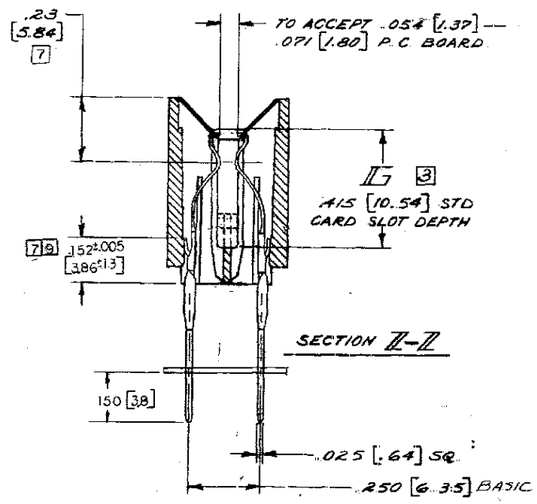
8. FOR CUT & BUTT ASSEMBLY, SEE DWG. # 27363 FOR ASSEMBLY INSTRUCTIONS INTO P.C. BOARD.

9. THIS DIMENSION TAKEN FROM THE TOP OF P.C. BOARD.





CATALOG NO. NJ ** D-12-△ SHOWN



(1) INSULATOR — POLYESTER THERMOPLASTIC ~ GLASS FILLED, COLOR NATURAL

(2) CONTACT — COPPER NICKEL TIN ALLOY

(3) POLARIZING KEY — NYLON ~ GLASS FILLED, COLOR BLACK
ORDER UNDER CAT NO 10●-101665

(4) CONTACT TIP CONTROL STRIP

SELECTIVE PLATING CHART

△ CODE	CONTACT AREA	C-PRESS COMPLIANT SECTION & TAIL
192	.000030 / 0.00076 MIN GOLD OVER .000050 / 0.00127 MICROINCHES MIN. NICKEL UNDERPLATE	.000050 / 0.00127 MIN. TIN-LEAD
195	.000030 / 0.00076 MIN GOLD OVER .000050 / 0.00127 MICROINCHES MIN. NICKEL UNDERPLATE	GOLD FLASH
792	.000030 / 0.00076 MIN GOLD OVER .000050 / 0.00127 MICROINCHES MIN. NICKEL UNDERPLATE	**.000020** / **.000060** MIN. PURE TIN (RoHS)

(CONSULT SALES FOR ADDITIONAL PLATING OPTIONS)

CATALOG NO.	A	B REF.	C	D ± .020 [.51]	H ± .010 [.25]
NJ ◪ 61 D ◺ ◐ △	61	7.500 [190.50]	7.750 [196.85]	7.880 [200.15]	7.747 [196.77]
19	18	2.250 [57.15]	2.500 [63.50]	2.630 [66.80]	2.497 [63.42]
18	17	2.125 [53.98]	2.375 [60.32]	2.505 [63.62]	2.372 [60.25]
17	16	2.000 [50.80]	2.250 [57.15]	2.380 [60.45]	2.247 [57.07]
16	15	1.875 [47.62]	2.125 [53.96]	2.255 [57.28]	2.122 [53.90]
NJ ◪ 15 D ◺ ◐ △	14	1.750 [44.45]	2.000 [50.80]	2.130 [54.10]	1.997 [50.72]

REV	DATE	CHANGE	BY
A	1-21-85	RELEASED ECN#-83-064 ENV-83276	JE
B	10-22-86	CHANGE TAIL LG. ADDED NOTE 7 ADDED J DIM. ECR#00228 ECO#86C-440	LMP
C	8-1-88	ADDED NOTE 8 & 9 ADDED NOTE 4 TO LOGO. ADDED NOTE 8 TO DWG. ECN#-19872	LBF
D	11-23-88	ADDED NOTE 9 ADDED DIM. "J" ADDED SECTION Z-Z ECR#01013 ECO#-20820	JLC
E		REVISED "H" DIM AND NUMBERS ECR#2397	
F		CHANGED CODE ORIGIN CHART ADDED DIM. "G" DELETED NOTE 4 ADDED NOTE 5 DELETED NOTE 6 REVISED NOTE 7 ADDED NOTE 8 ECR#-E387	LAW
G		ADDED SELECTIVE PLATING CHART PER ECR 9546	
H		REVISED PLATING CHART PER ECR 9642	
J	09/12/06	REVISED PLATING CODE 792 ECR#1364	CWB

CUSTOMER DRAWING

GENERAL NOTES (UNLESS OTHERWISE SPECIFIED) B
1. ALL DIMENSIONS ARE IN INCHES
2. ALL DIMENSIONS ARE
3. REMOVE ALL BURRS TO ___ MAX.
4. BREAK ALL SHARP EDGES EQ. TO ___ R. MAX.
5. ___ R. MAX ON INSIDE CORNERS
6. ALL DIAMETERS CONCENTRIC T.I.R. MAX.
7. GENERAL SURFACE FINISH TO BE ___ MAX.
8. TOLERANCES: XX ±.02, XXX ±.005, ANGLES ±1°

CLASSIFICATION OF CHARACTERISTICS PER MIL-STD 105
A MAJOR ___ MINOR ___

TITLE: EDGECARD, CONTINUOUS CARD COLLECTOR
SCALE 4/1 | DR. Joe E. DATE 1-15-85 | CH. A.A. DATE 1-3-85 | APP. L.A.W.
WINCHESTER ELECTRONICS DIVISION OF LITTON INDUSTRIES INCORPORATED OAKVILLE, CONNECTICUT
DWG. SIZE D | 24514 | REV J

June 2006 - This drawing became the property of Winchester Electronics Corporation, Wallingford, CT.