

NOTES:

- 1. DELETED
- 2. DIMENSIONS SHOWN IN BRACKETS [] ARE IN MILLIMETERS AND SHOWN FOR REF. ONLY.
- 3. CATALOG NUMBER CODE: MJ**CΔ
- Δ = END CONFIGURATION:
BLANK = NO OPEN END
"S" = ONE OPEN END
- ** = NUMBER OF CONTACT PAIRS (POSITIONS)
- C = GRID SPACING:
.100 X .200 [2.54 X 5.08]
- Δ = CARD SLOT DEPTH (IF DIM.):
1 = .415 [10.54] STANDARD
2 = .350 [8.89] OPTION ON SHADED
3 = .300 [7.62] END ONLY
- = TAIL LENGTH: F ± .020 / .51 K REF.

1	.186 [4.72]	.025 [.64]
2	.475 [12.06]	.325 [8.26]
3	.590 [14.99]	.420 [10.67]
4	.702 [17.83]	.552 [14.02]
5	.800 [20.32]	.650 [16.51]
6	.365 [9.27]	.215 [5.46]
- △ = 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.

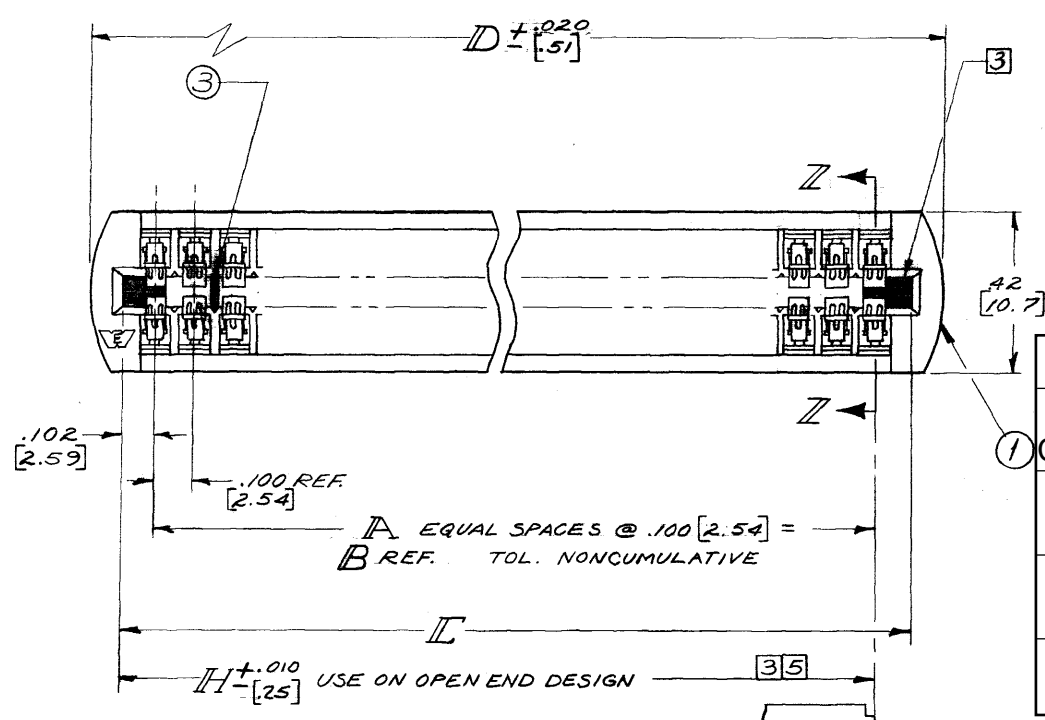
5. FOR CUT & BUTT ASSEMBLY, SEE DWG. # 27362 FOR ASSEMBLY INSTRUCTIONS INTO P.C. BOARD.

6. TO DETERMINE DIMENSIONS NOT SHOWN IN CHART EACH ADDITIONAL PAIR POSITION ADDED TO POSITION SHOWN, INCREASES DIMENSION BY .100 [2.54].
EXAMPLE: SIZE 21 DIM. H
1.604 + (6 x .100) = 2.204
[40.74] + (6 x [2.54]) = [55.98]

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

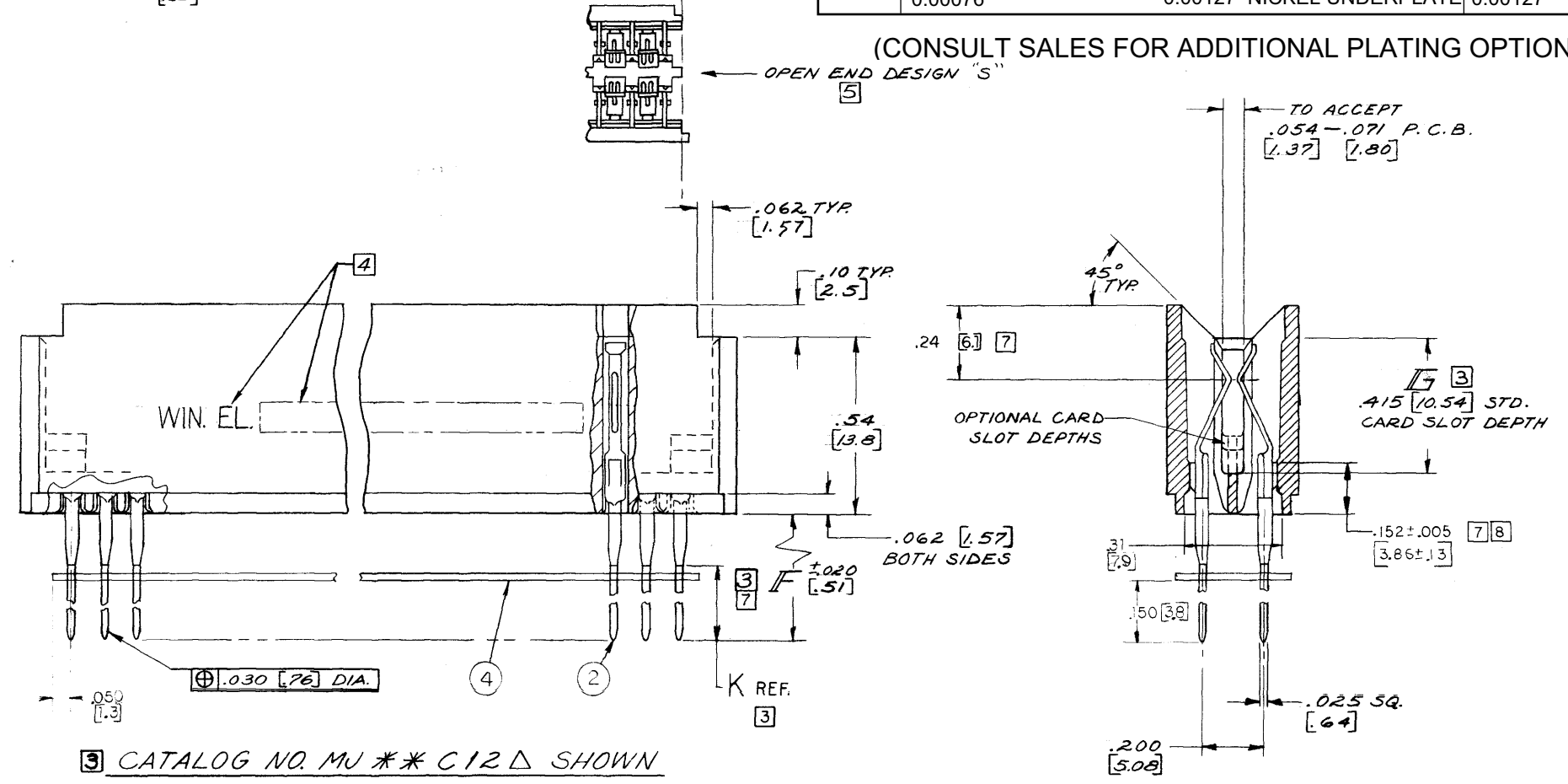
8. THIS DIMENSION TAKEN FROM TOP OF P.C. BOARD.

- ① INSULATOR - POLYESTER THERMOPLASTIC ~ GLASS FILLED, COLOR NATURAL.
- ② CONTACTS - COPPER NICKEL TIN ALLOY
- ③ POLARIZING KEY - NYLON ~ GLASS FILLED, COLOR BLACK ORDER UNDER CAT. NO. 109-101665
- ④ CONTACT TIP CONTROL STRIP



Δ CODE	CONTACT AREA	C-PRESS COMPLIANT SECTION & TAIL
192	.000030 MIN GOLD OVER 0.00076	.000050 MICROINCHES MIN. 0.00127 NICKEL UNDERPLATE 0.00050 MIN. TIN-LEAD
195	.000030 MIN GOLD OVER 0.00076	.000050 MICROINCHES MIN. 0.00127 NICKEL UNDERPLATE GOLD FLASH
792	.000030 MIN GOLD OVER 0.00076	.000050 MICROINCHES MIN. 0.00127 NICKEL UNDERPLATE 0.00050 MIN. PURE TIN (RoHS)

(CONSULT SALES FOR ADDITIONAL PLATING OPTIONS)



3. CATALOG NO. MJ**C12Δ SHOWN

SECTION Z-Z
CUSTOMER DRAWING

MJ	61	C	Δ	60	6.000 [152.40]	6.204 [157.58]	6.334 [160.88]	6.162 [156.51]
20	19	1.900 [48.26]	2.104 [53.44]	2.234 [56.74]	2.062 [52.37]			
19	18	1.800 [45.72]	2.004 [50.90]	2.134 [54.20]	1.962 [49.83]			
18	17	1.700 [43.18]	1.904 [48.36]	2.034 [51.66]	1.862 [47.29]			
17	16	1.600 [40.64]	1.804 [45.82]	1.934 [49.12]	1.762 [44.75]			
16	15	1.500 [38.10]	1.704 [43.28]	1.834 [46.58]	1.662 [42.21]			
MJ	15	C	Δ	14	1.400 [35.56]	1.604 [40.74]	1.734 [44.04]	1.562 [39.67]
MJ	10	C	Δ	9	.900 [22.86]	1.104 [28.04]	1.234 [31.34]	.997 [25.32]
CATALOG NO	A	B REF.	L	D ± .020 [0.51]	F ± .010 [0.25]			

DATE	BY	REASON	DATE	BY	REASON	DATE	BY	REASON
3/8/82	DYL	RELEASED	10-12-82	HP	CHANGED NOTE	11-30-83	JoeR	CHANGED NOTE
11-04-87	LPH	REVISION	8-1-88	LIB	REVISION	11-28-88	CRG	REVISION
11-20-89	HP	REVISION	02-22-99	HP	REVISION	11-20-99	HP	REVISION

GENERAL NOTES UNLESS OTHERWISE SPECIFIED

- ALL DIMENSIONS ARE IN INCHES.
- ALL DIMENSIONS ARE TO MAX.
- REMOVE ALL BURRS TO MAX.
- BREAK ALL SHARP EDGES TO R MAX.
- R MAX ON INSIDE CORNERS.
- ALL DIAMETERS CONCENTRIC.
- GENERAL SURFACE FINISH TO BE.
- TOLERANCES:

CLASSIFICATION OF CHARACTERISTICS PER MIL-STD 105

XX ± .02
XXX ± .007
ANGLES ± .5°

MAJOR MINOR

SCALE: 4/1

DR: D.V.L. CRD: JRM. APO: E.R.
DATE: 3/4/82 DATE: 4-1-82 DATE: 6-1-82

WINCHESTER ELECTRONICS
DIVISION OF LITTON SYSTEMS INCORPORATED
DAYVILLE, CONNECTICUT

DWG. NO. 23836

REV. N