(1) INSULATOR - POLYESTER THERMOPLASTIC

(2) CONTACT - #725 COPPER-NICKEL ALLOY

(3) EJECTOR LATCH - POLYESTER THERMOPLASTIC

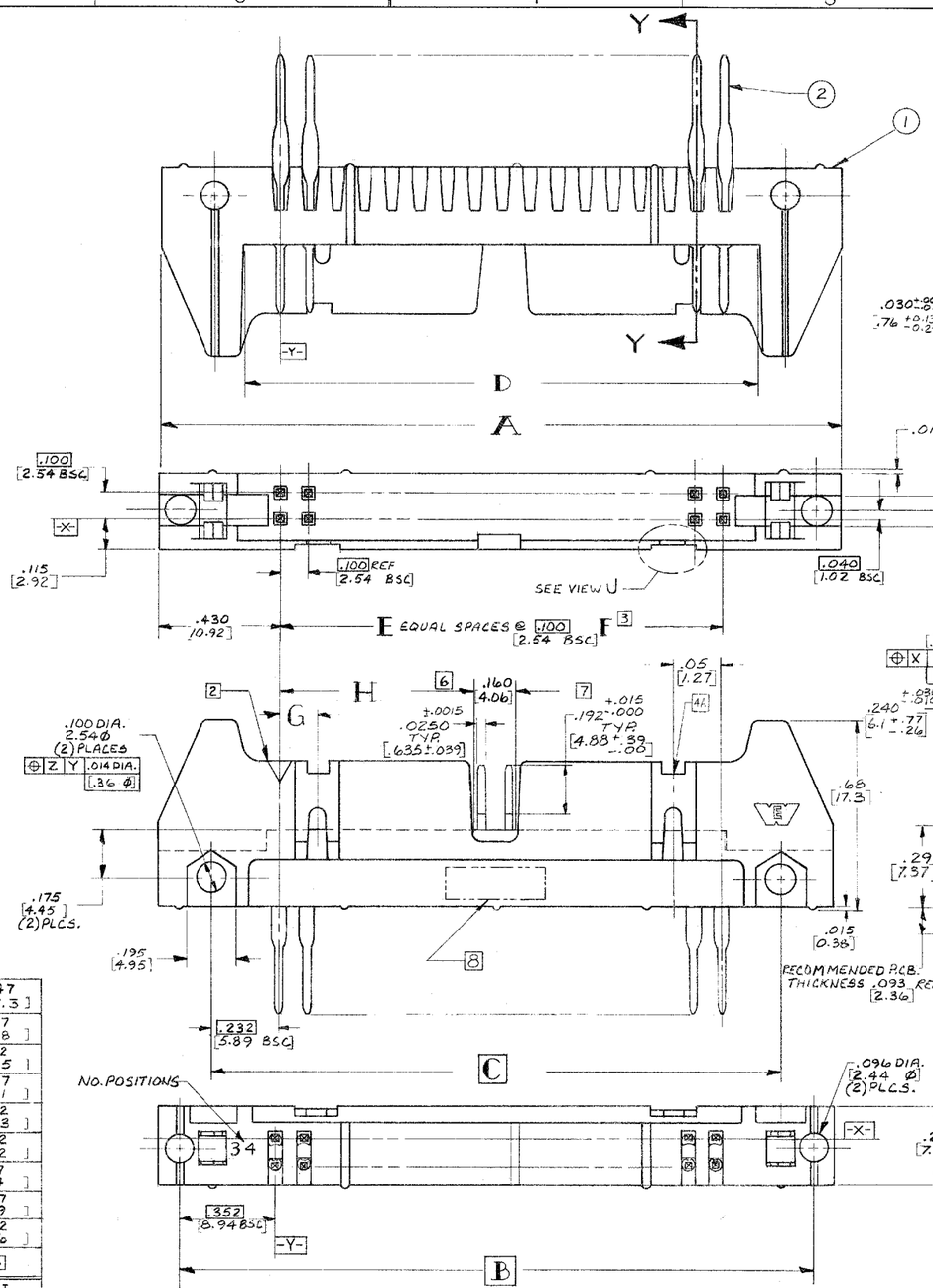
(4) POLARIZATION KEY - POLYESTER THERMOPLASTIC

NOTES

1. DIMENSIONS SHOWN IN [ ] BRACKETS ARE IN MILLIMETERS AND ARE FOR REFERENCE ONLY.
2. NO. 1 CONTACT POSITION LOCATOR.
3. TOLERANCES ARE NON-CUMULATIVE.
4. POLARIZATION KEY SHOWN FOR REFERENCE ONLY. TO BE ORDERED SEPARATELY UNDER CATLOG NO. 109-10183I. POLARIZATION SLOTS PROVIDED AS FOLLOWS:
   A.) SIZES 10,14: ONE SLOT ON SIDE INDICATED.
   B.) SIZES 16 THRU 64: TWO SLOTS
5. CATALOG NUMBER CODE AS FOLLOWS:
   △ = TAIL LENGTH OPTIONS (SEE CHART)
   ◐ = LATCH OPTIONS (SEE CHART)
   0 = LATCH NOT REQUIRED.
   1 = FOR USE WITH 61 OR 81 SERIES SOCKET CONNECTOR W/O STRAIN RELIEF
   2 = FOR USE WITH 61 OR 81 SERIES SOCKET CONNECTOR WITH STRAIN RELIEF
   3 = FOR USE WITH 91 SERIES SOCKET CONNECTOR WITH 02 W/O STRAIN RELIEF
   4 = EJECTORS ONLY (TAB REMOVED)
   △ = PLATING OPTIONS (CONSULT SALES DEPT.)
   CATALOG NUMBER EXAMPLE: CAT. NO. 78-10-12-△ = A 10 POSITION CONNECTOR, W/ .175 TAIL LENGTHS & A LATCH FOR USE WITH 61 OR 81 SERIES SOCKET CONNECTOR WITH STRAIN RELIEF
6. CENTER POLARIZATION WINDOW NOT AVAILABLE ON SIZE 10.
7. SURFACE "L" ROUGHNESS TO BE 16 MICROINCHES MAX. FOR LENGTH SHOWN.
8. 4 DIGIT DATE CODE & MANUFACTURING LOCATION CODE LOCATED APPROXIMATELY AS SHOWN.

	P	R	S	T	U
4	——	.60 [15.2]	1.70 [27.9]	.05 [2.1]	.060 [1.53]
3	.463 [11.76]	.52 [13.2]	.99 [25.1]	.05 [2.1]	.060 [1.53]
2	.573 [14.55]	.60 [15.2]	1.10 [27.9]	.08 [2.1]	.095 [2.42]
1	.430 [10.92]	.49 [12.4]	.96 [24.4]	.08 [2.1]	.200 [5.08]
0	OMIT LATCHES				
◐	LATCHING OPTIONS				

	K	DESC.
6	.210 [5.33]	FEED-ON
3	.685 [17.40]	.025±.001 [.64 ±.03] SQ. WIRE WRAP TAILS
2	.555 [14.10]	
1	.160 [4.06]	FEED-ON
△	TAIL LENGTH OPTIONS	



CATALOG NO.	A	B	C	D	E	F	G	H
78-64-△◐△	3.96 [100.56]	3.80 [96.5]	3.560 [90.42]	3.405 [86.49]	31	3.100 [78.74]	.15 [3.8]	1.47 [37.3]
78-60-△◐△	3.76 [95.5]	3.60 [91.4]	3.360 [85.34]	3.205 [81.41]	29	2.900 [73.66]	.15 [3.8]	1.37 [34.8]
78-50-△◐△	3.26 [82.8]	3.10 [78.7]	2.860 [72.64]	2.705 [68.71]	24	2.400 [60.96]	.15 [3.8]	1.12 [28.5]
78-40-△◐△	2.76 [70.1]	2.60 [66.0]	2.360 [59.94]	2.205 [56.01]	19	1.900 [48.26]	.15 [3.8]	.87 [22.1]
78-34-△◐△	2.46 [62.5]	2.30 [58.4]	2.060 [52.32]	1.905 [48.39]	16	1.600 [40.64]	.15 [3.8]	.72 [18.3]
78-26-△◐△	2.06 [52.3]	1.90 [48.3]	1.660 [42.16]	1.505 [38.23]	12	1.200 [30.48]	.15 [3.8]	.52 [13.2]
78-20-△◐△	1.76 [44.7]	1.60 [40.6]	1.360 [34.54]	1.205 [30.61]	9	.900 [22.86]	.15 [3.8]	.37 [9.4]
78-16-△◐△	1.56 [39.6]	1.40 [35.6]	1.160 [29.46]	1.005 [25.53]	7	.700 [17.78]	.15 [3.8]	.27 [6.9]
78-14-△◐△	1.46 [37.1]	1.30 [33.0]	1.060 [26.92]	.905 [22.99]	6	.600 [15.24]	4A	.22 [5.6]
78-10-△◐△	1.26 [32.0]	1.10 [27.9]	.860 [21.84]	.705 [17.91]	4	.400 [10.16]	4A	6

REV	CHANGE	DATE	BY
A	RELEASED. ECN# 14181	11/14/81	JJG
B	ADDED SIZE 64 PER ECN# 16825	2/16/82	JJG
C	ADDED NOTE 4 PER ECN# 17237	5/11/82	JJG
D	#3 LATCH OPTION ADDED TO CHART PER ECR# 845-83 ECN# 17491	7/26/83	JBM
E	NOTE 7 ADDED DIMS TANG U ADDED .025 RADIUS .240 ADDED .025 AND T.P. ADDED	11/30/83	DWL
F	ADDED SIZE 10 PER ECN# 18205	4/6/84	DWL
G	78 LATCH OPTIONS CHANGED TO FACE EACH OTHER PER ECN# 19337	4/85	JLL
H	ADDED CENTER POLARIZATION PER ECN# 21504	6/21/89	DONNA
J	.160 [4.06] WAS .175 [4.45] .595 [15.11] WAS .685 [17.40] .700 [17.78] WAS .685 [17.40] PER ECR# 1287 ADDED NOTE 6 PER ECN# 20226	11/30/93	LAW
K	REVISED NOTE 8 PER ECN# 2540	4/6/94	LAW
L	ANGLES 6° TO TAIL LENGTH OPTIONS. PER ECR# 3411	11/16/95	LAW

GENERAL NOTES UNLESS OTHERWISE SPECIFIED
1. ALL DIMENSIONS ARE IN INCHES & [M.M.]
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 (±.5)
XXX ±.007 (±.18)
ANGLES ± 2°

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

TITLE: 78 SERIES "C" PRESS HEADER
CUSTOMER DRAWING
FINISH

SCALE 4 | DR. GATZIRAS 10-11-81 | CK'D. [illegible] DATE 2-11-82 | APP'D. [illegible] DATE 1-13-84

Litton — WINCHESTER ELECTRONICS, DIVISION OF LITTON SYSTEMS, INCORPORATED, OAKVILLE, CONNECTICUT

DWG. 10365 REV. L | SIZE D

10365 REV L

BRUNING 40-22 24855-4

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