

NOTES:

- 1

THESE CONNECTORS ARE DESIGNED TO MEET MIL-C-83503 SPECIFICATION.
- 2

NO. 1 CONTACT POSITION LOCATOR.
- 3

FOR CATALOG NUMBER DESCRIPTION SEE CODE ORDER CHART.
- 4

POLARIZATION KEY SHOWN FOR REFERENCE ONLY. TO BE ORDERED SEPERATELY UNDER CATALOG No. 109-101831.
POLARIZATION SLOTS PROVIDED AS FOLLOWS:
- 4A

SIZES 10 AND 14 ONE SLOT ON SIDE INDICATED.
- 4B

SIZES 16 THRU 64 TWO SLOTS.
- 5

LATCH OPTION (SEE CODE ORDER CHART) ARE AS FOLLOWS:
0 = LATCH NOT REQUIRED
1 = FOR USE WITH 61 AND 81 SERIES SOCKET CONNECTOR WITHOUT STRAIN RELIEF
2 = FOR USE WITH 61 AND 81 SERIES SOCKET CONNECTOR WITH STRAIN RELIEF
3 = FOR USE WITH 51 SERIES SOCKET CONNECTOR WITH OR WITHOUT STRAIN RELIEF
4 = EJECTORS ONLY (TAB REMOVED).
- 6

CENTER POLARIZATION WINDOW NOT AVAILABLE ON SIZE 10.
- 7

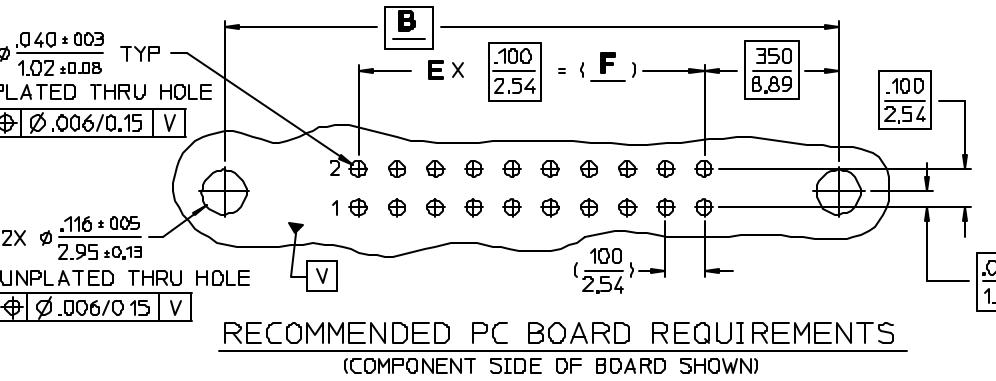
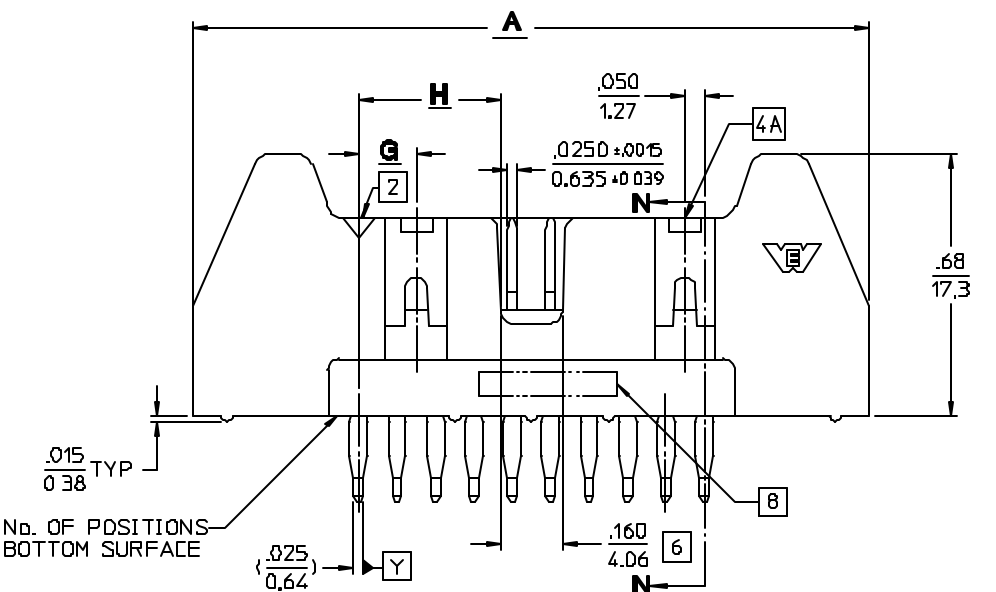
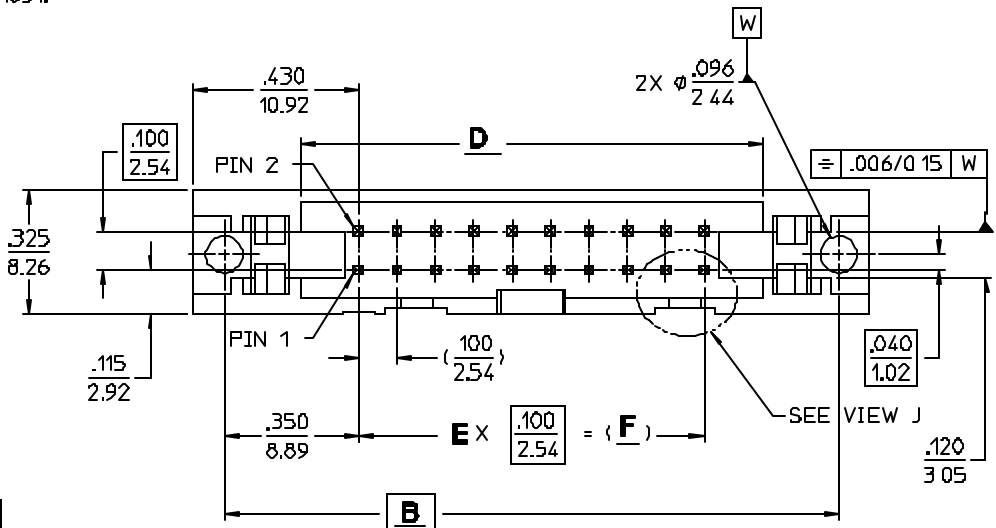
SURFACE **L** ROUGHNESS TO BE 16 MICROINCHES MAXIMUM FOR LENGTH SHOWN.
- 8

4 DIGIT DATE CODE AND MANUFACTING LOCATION CODE LOCATED APPROXIMATELY SHOWN.
- 9

DEVIATION 5146 REQUIRES COMPLETE CATALOG No. TO BE MARKED ON PART IN ADDITION TO DATE CODE.

79 SERIES CODE ORDER CHART - (4-SIDED) HEADER

HEADERS								79 **		XXXX - FACTORY ASSIGNED DEVIATION No.		9					
STEP 1 SIZE								STEP 5 INSULATOR METALLIZING									
CODE **	A	B	D	E	F	G	H	CODE	DESCRIPTION								
10	1.26 32.0	1.10 27.9	.705 17.91	4	.400 10.16	4A	6	BLANK	NONE								
14	1.46 37.1	1.30 33.0	.905 22.99	6	.600 15.24	4A	.22 5.6	TA	Aluminium .000010 TO .000020 THK								
16	1.56 39.6	1.40 35.6	1.005 25.53	7	.700 17.78	.15 3.8	27 6.9	STEP 4 CONTACT PLATING									
20	1.76 44.7	1.60 40.6	1.205 30.61	9	.900 22.86		37 9.4	CODE	DESCRIPTION								
26	2.06 52.3	1.90 48.3	1.505 38.23	12	1.200 30.48		.52 13.2	Δ	MATING END		TERMINATION						
30	2.26 57.4	2.10 53.3	1.705 43.31	14	1.400 35.56		.62 15.7	C	.000030 Gold over	Gold Flash							
34	2.46 62.5	2.30 58.4	1.905 48.39	16	1.600 40.64		.72 18.3	D	.000040 Nickel	Bright Solder							
40	2.76 70.1	2.60 66.0	2.205 56.01	19	1.900 48.26		.87 22.1	K	.000030 Gold over .000050 Nickel	Bright Solder							
50	3.26 82.8	3.10 78.7	2.705 68.71	24	2.400 60.96		1.12 28.4	M	.000030 Gold over .000050 Nickel	Pure Tin							
60	3.76 95.5	3.60 91.4	3.205 81.41	29	2.900 73.66		1.37 34.8	STEP 3 LATCH OPTIONS					5				
64	3.96 100.6	3.80 96.5	3.405 86.49	31	3.100 78.74		1.47 37.3	CODE					P	R	S	T	U
							0	NO LATCHES									
							1	.430 10.92	.29 7.4	.96 24.4	.080 2.04	.200 5.08					
							2	.573 14.55	.40 10.2	1.10 27.9	.080 2.04	.095 2.42					
							3	.463 11.76	.32 8.1	.99 25.1	.050 1.27	.060 1.53					
							4	----	.40 10.2	1.10 27.9	----	----					



- SPECIFICATIONS

MATERIALS
- 1

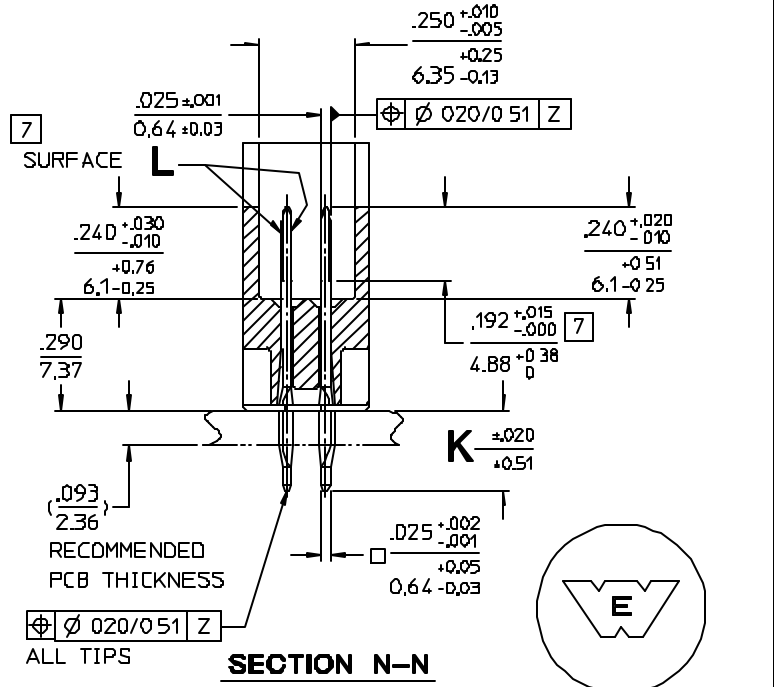
Insulator — Polyester Thermoplastic, Glass Filled
Rated UL 94V-0, Color- Natural
- 2

Contacts — Copper Alloy
Finish: See Code Order Chart
- 3

Ejector Latch — Polyester Thermoplastic, Glass Filled
Rated UL 94V-0, Color- Natural
- 4

Polarization Key — Polyester Thermoplastic, Glass Filled
Rated UL 94V-0, Color- Natural
- PERFORMANCE CHARACTERISTICS

Insulation resistance — 5,000 megohms minimum
Current rating — 1 amp @ 70°C, fully loaded
3 amp @ 20°C, fully loaded
Operating temperature range — -55°C to +105°C
Contact resistance — 8 milliohms maximum
Press-fit Contact
Max. Insertion Force (per contact) — 40 lbs/177.9 N
Min. Retention Force (per contact) — 10 lbs/44.5 N



VIEW J
SCALE 4:1
POLARIZATION KEY INSTALLED

4

POLARIZATION KEY

PER ASME Y14.3M-1994
UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES OR INCHES/MILLIMETERS
TOLERANCES:
DECIMALS .XX ± .02/.05
XXX ± .007/.018
ANGLES ± 2°
SCALE 2:1

CUSTOMER DRAWING

Winchester Retconn

400 Park Road
Watertown, Connecticut
06795

TITLE

79 SERIES (4-SIDED) HEADER

DRAWN
J. GATZURAS
APPROVED
JAD

DATE
10-11-81
DATE
1/25/82

APPROVED
G.V.
DATE
2-11-82

DATE
10-11-81
DATE
1/25/82

B

10366

SHT. 1 OF 1

REV
U

LATCH OPTIONS = 5

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