

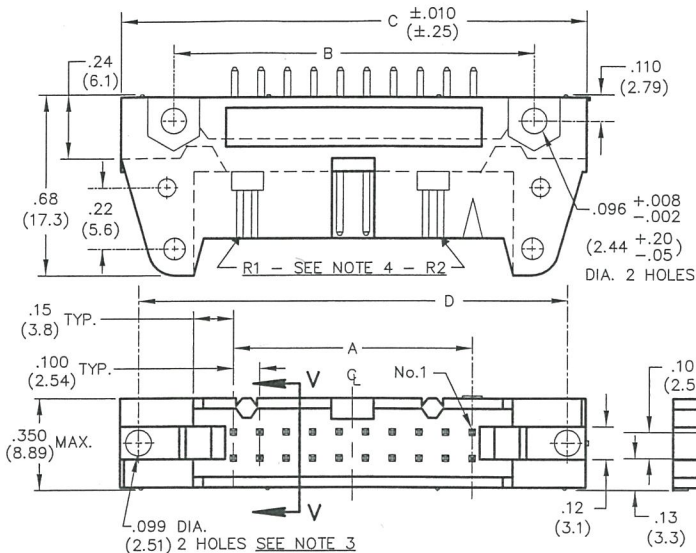
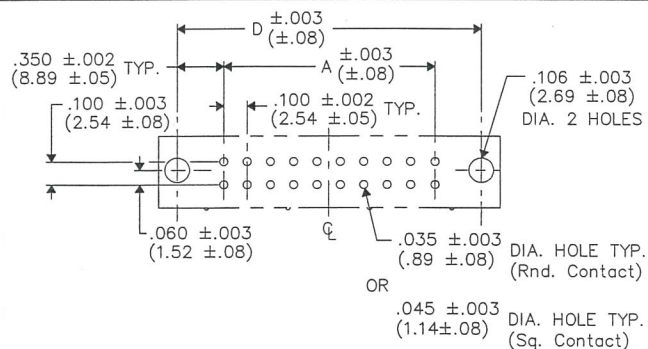
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B-FORMAT 2002

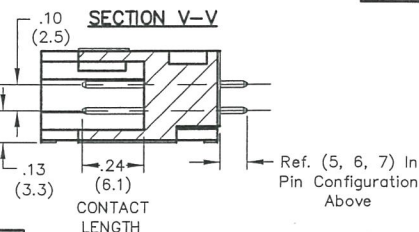
REVISIONS

RELEASED: 9-18-2012
DWG: 9-11-2013
CJH

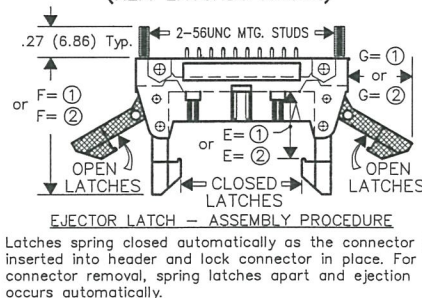
RECOMMENDED STRAIGHT P.C. BOARD LAYOUT



SECTION V-V



EJECTOR LATCH & STUD OPTIONS (REF. LATCHES ABOVE)



EJECTOR LATCH - ASSEMBLY PROCEDURE

Latches spring closed automatically as the connector is inserted into header and lock connector in place. For connector removal, spring latches apart and ejection occurs automatically.

CUSTOMER DRAWING ONLY

MASTER

CWN-XXX-XX-XXXX

Type of Connector
5= Polarized Header
6= Non-Polarized

Pin Configuration

- 5= Straight solder pins .090 $\pm$.010 (2.29 $\pm$.25) long, .025 (.64) Rnd.
- 6= Straight solder pins .155 $\pm$.010 (3.94 $\pm$.25) long, .025 (.64) Rnd.
- 7= Straight wire wrap pins .610 $\pm$.010 (15.49 $\pm$.25) long, .025 (.64) Sq.

Latches (REF. OPTIONS)

0 = No Latches

- ① = Short Latches for Non-Strain relief sockets
E=.425 (10.80)/F= 1.02 (25.9)/G=.40 (10.2)
- ② = Long Latches for Strain relief sockets
E=.573 (14.55)/F= 1.16 (29.5)/G=.51 (12.6)

DIMENSIONS IN INCHES (MILLIMETERS)
DO NOT SCALE DRAWING

Dwg. No.

CWN-5,6XX-XX-XXXX

CONNECTOR DIMENSIONS

XX NO. CONT's	A	B	C	D
10	.400 (10.16)	.860 (21.84)	1.260 (32.00)	1.100 (27.94)
14	.600 (15.24)	1.060 (26.92)	1.460 (37.08)	1.300 (33.02)
16	.700 (17.78)	1.160 (29.46)	1.560 (39.62)	1.400 (35.56)
20	.900 (22.86)	1.360 (34.54)	1.760 (44.70)	1.600 (40.64)
26	1.200 (30.48)	1.660 (42.16)	2.060 (52.32)	1.900 (48.26)
34	1.600 (40.64)	2.060 (52.32)	2.460 (62.48)	2.300 (58.42)
40	1.900 (48.26)	2.360 (59.94)	2.760 (70.10)	2.600 (66.04)
50	2.400 (60.96)	2.860 (72.64)	3.260 (82.80)	3.100 (78.74)
60	2.900 (73.66)	3.360 (85.34)	3.760 (95.50)	3.600 (91.44)

NOTES:

- 1) Dimensions are in inches; Dimensions in () are in millimeters.
- 2) Metric equivalents are given for general information only, and are based upon 1.00 inches equals (25.4) millimeters.
- 3) Holes centered $\pm .005$ between adjacent flanges.
- 4) Part is made with removable ribs, drawing title indicates with or without, omit (R2) in size 10 and 14 headers.

MATERIALS:

PLASTIC PARTS- UL94V-0 Thermoplastic (blue,std.) flame retardant.

CONTACTS- Phosphor Bronze, standard (REF. PLATING ABOVE)

OPERATING STANDARDS:

TEMPERATURE RATING- -55°C to $+125^{\circ}\text{C}$

CONTACT RATING- 1 AMPERE.

DIELECTRIC STRENGTH- OVER 500V.D.C. AT SEA LEVEL.

INSULATION RESISTANCE- GREATER THAN 5×10^9 OHMS.

CW INDUSTRIES
Southampton, Pa. 18966

TOLERANCES UNLESS OTHERWISE SPECIFIED

2 Place Decimal $\pm .010$ METRIC
3 Place Decimal $\pm .005$ 1 Place Dec. $\pm .25\text{mm}$
Angles $\pm 1^{\circ}$ 2 Place Dec. $\pm .13\text{mm}$

Made for: CW JND.

Drawn by: DGW 9-18-2012

Checked by: G. Gold 1-11-13

Approval: C. Hanson 1/4/13

Title: FULLY SHROUDED
STRAIGHT PIN
P.C.B. HEADER
.100" x .100" CENTERS

Division:
CONNECTOR

Dwg. No.
CWN-5,6XX-XX-XXXX