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F

D

C

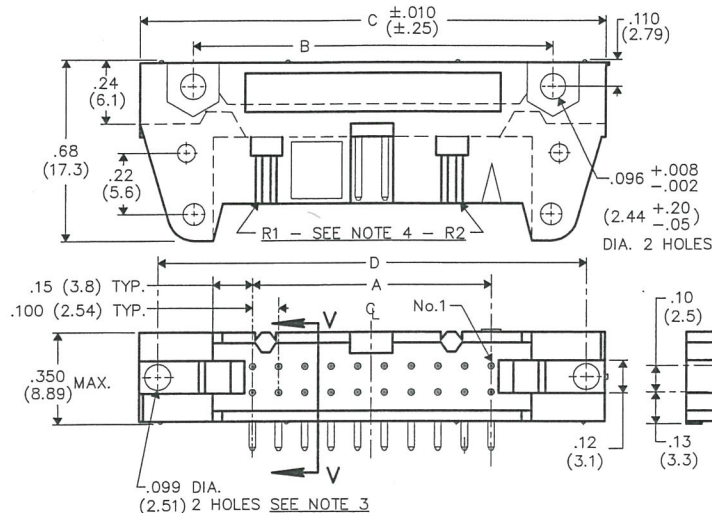
B

A

B-FORMAT 2002

REVISIONS

RELEASED: 9-18-2012
DCW
1/10 JAN 11 2013



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

Pin Configuration

- 0= Right Angle solder pins .090±.010 (2.29±.25) long, .025 (.64) Rnd.
1= Right Angle solder pins .155±.010 (3.94±.25) long, .025 (.64) Rnd.
2= Right Angle wire wrap pins .610±.010 (15.49±.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)

CWN-XXX-XX-XXXX

DIMENSIONS IN INCHES (MILLIMETERS)
DO NOT SCALE DRAWING

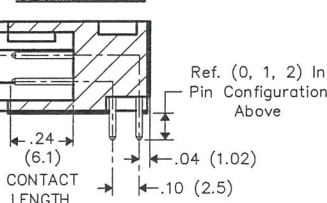
Dwg. No.

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)

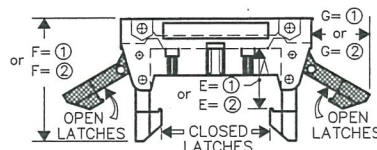
SECTION V-V



Ref. (0, 1, 2) In
Pin Configuration
Above

CONTACT
LENGTH

EJECTOR LATCH 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.

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 ±.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°C

CONTACT RATING- 1 AMPERE.

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

INSULATION RESISTANCE- GREATER THAN 5 x 10⁹ OHMS.

RECOMMENDED RIGHT ANGLE P.C. BOARD LAYOUT

1 2 3 4 5 6 7 8 9 10

CUSTOMER
DRAWING ONLY

CW INDUSTRIES
Southampton, Pa. 18966

TOLERANCES UNLESS OTHERWISE SPECIFIED

2 Place Decimal ±.010 METRIC
3 Place Decimal ±.005 1 Place Dec. ±.25mm
Angles ±1° 2 Place Dec. ±.13mm

Made for: CW,IND.

Drawn by: DGW 9-18-2012

Checked by: G. Gould 1-11-13

Approval: C. Harmon 1/11/13

Title: FULLY SHROUDED
RIGHT ANGLE
P.C.B. HEADER
.100" x .100" CENTERS

Division:

CONNECTOR

Dwg. No.

CWN-5,6XX-XX-XXXX

MASTER