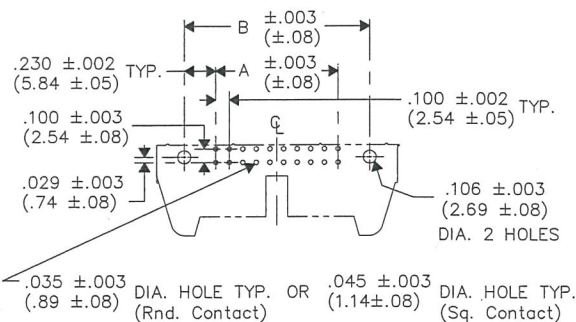
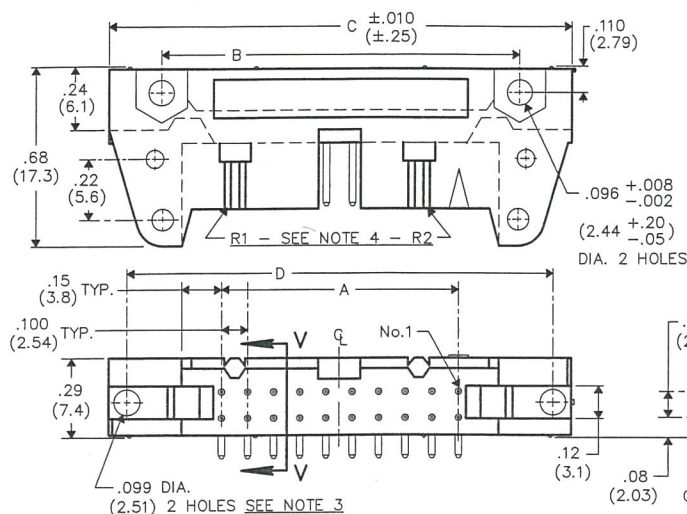


DEC 1/11 JAN 11 2013



RECOMMENDED RIGHT ANGLE P.C. BOARD LAYOUT

Type of Connector

- 3= Polarized Header
- 4= 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 E=425 (10.80)/F=1.02
- ② = Long Latches for Strain E=573 (14.55)/F=1.16

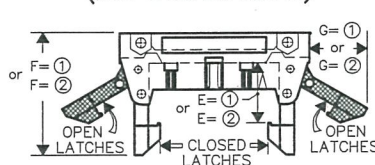
DIMENSIONS IN INCHES (MILLIMETERS)
DO NOT SCALE DRAWING

Dwg. No.	
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CWN-3,4XX-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)

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 $\pm .005$ 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.

CUSTOMER DRAWING ONLY

CW INDUSTRIES
Southampton, Pa. 18966

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

TOLERANCES UNLESS OTHERWISE SPECIFIED

2 Place Decimal ± 0.10	METRIC
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2 Place Decimal $\pm .010$	METRIC
3 Place Decimal $\pm .005$	1 Place Dec $\pm .25\text{mm}$

3 Place Decimal ± 0.003	1 Place Dec. $\pm 0.25\text{mm}$
Angles $\pm 1^\circ$	2 Place Dec. $\pm 0.13\text{mm}$

Angles	±1	2 Place Dec. ±.13mm
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Made for: CW IND.

Drawn by: DCW 9-18-2012

Drawn By: DGW 9-18-2012

Checked by: G Gold 1-11-13

1 2 11 16 11

Division: **CONNECTOR**

Dwg. No.

OWN 7 1000 1000 1000

7 CWN-3,4XX-XX-X

MASTER