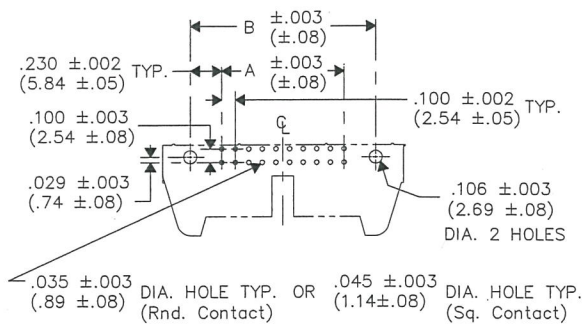
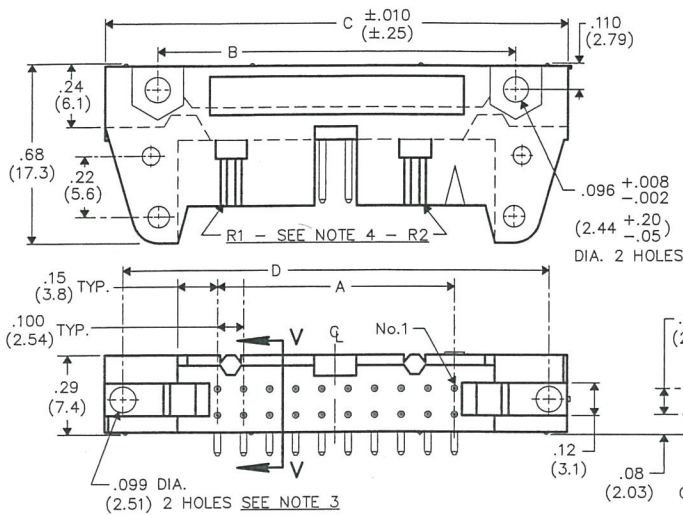


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B-FORMAT 2002

REVISIONS

RELEASED: 9-18-2012
DWG: 1-11-13
JAN 11 2013



RECOMMENDED RIGHT ANGLE P.C. BOARD LAYOUT

CWN-XXX-XX-XXXX

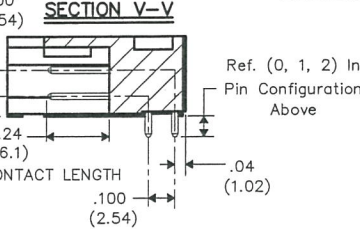
Type of Connector
3= Polarized Header
4= Non-Polarized

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.

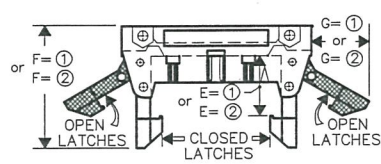
Plating
-0000 = 10μ in. gold (in mating area) over 50μ in. nickel
-0021 = 30μ in. gold (in mating area) over 50μ in. nickel (Standard)

Number of Contacts
(10, 14, 16, 20, 26, 34, 40, 50 & 60)

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)



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.

DIMENSIONS IN INCHES (MILLIMETERS)
DO NOT SCALE DRAWING

Dwg. No.
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)

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.

**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. Guld 1-11-13
Approval: C. Hammer 1-11-13

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

Division: **CONNECTOR**
Dwg. No. **CWN-3,4XX-XX-XXXX**

MASTER

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