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F

D

C

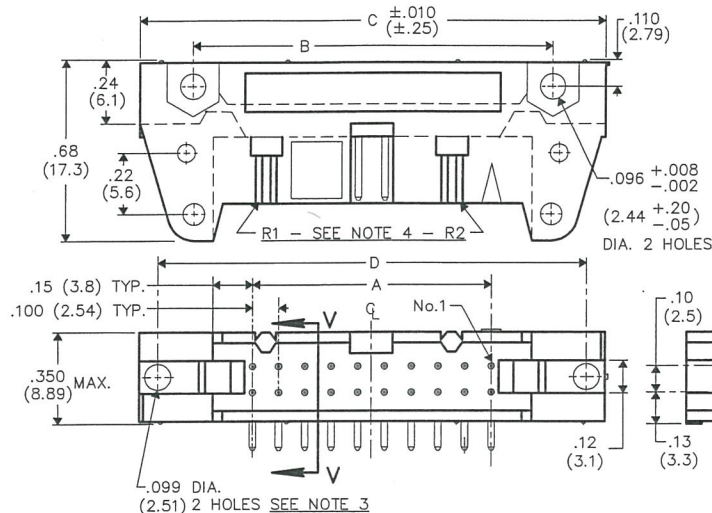
B

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 $\pm$.010 (2.29 $\pm$.25) long, .025 (.64) Rnd.
1= Right Angle solder pins .155 $\pm$.010 (3.94 $\pm$.25) long, .025 (.64) Rnd.
2= Right Angle wire wrap pins .610 $\pm$.010 (15.49 $\pm$.25) long, .025 (.64) Sq.

CWN-XXX-XX-XXXX

DIMENSIONS IN INCHES (MILLIMETERS)
DO NOT SCALE DRAWING

Dwg. No.

CWN-5,6XX-XX-XXXX

Plating

-0000 = 10 μ in. gold (in mating area)
over 50 μ in. nickel

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

Number of Contacts

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

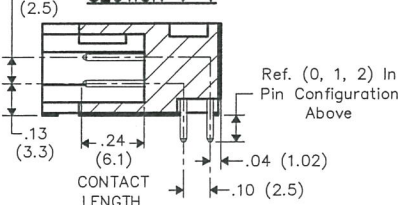
Latches (REF. OPTIONS)

0 = No Latches

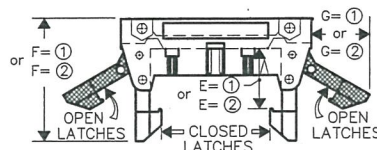
① = Short Latches for Non-Strain relief sockets
E=.425 (10.80)/F= 1.02 (25.9)/G=.40 (10.2)

② = Long Latches for Strain relief sockets
E=.573 (14.55)/F= 1.16 (29.5)/G=.51 (12.6)

SECTION V-V



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:

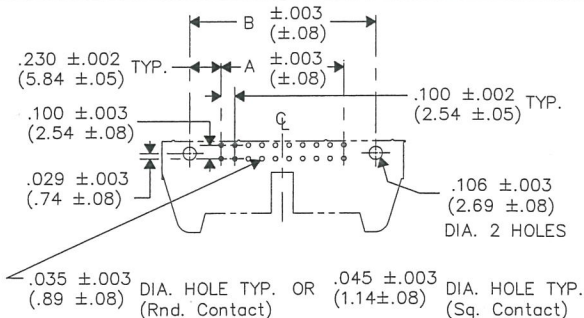
TEMPERATURE RATING- -55°C to +125°C

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



CUSTOMER
DRAWING ONLY

CW INDUSTRIES
Southampton, Pa. 18966

TOLERANCES UNLESS OTHERWISE SPECIFIED

2 Place Decimal $\pm .010$
3 Place Decimal $\pm .005$
Angles $\pm 1^\circ$

METRIC
1 Place Dec. $\pm .25$ mm
2 Place Dec. $\pm .13$ mm

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