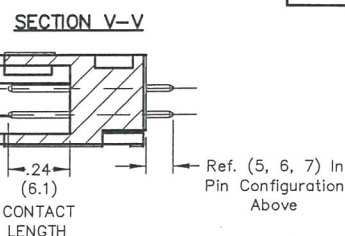
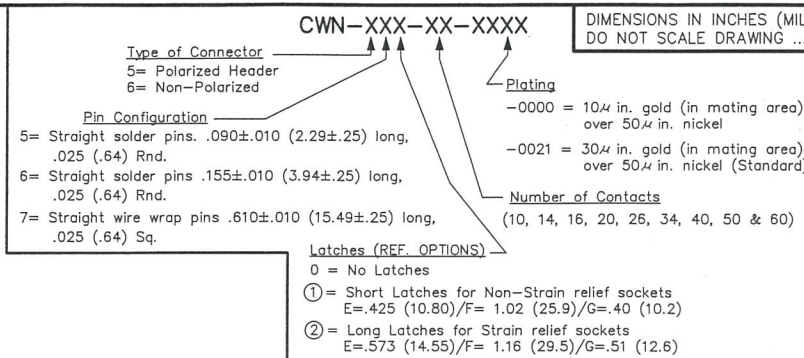
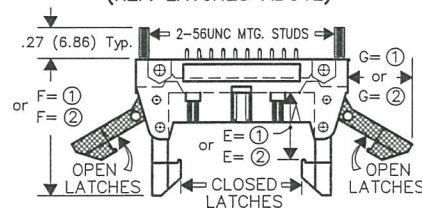


## REVISIONS

RELEASED.  
ODGW 9-18-2012  
CR 11 JAN 11 2013



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.

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

| CONNECTOR DIMENSIONS |                  |                  |                  |                  |
|----------------------|------------------|------------------|------------------|------------------|
| XX NO.<br>CONT's     | A                | B                | C                | D                |
| 10                   | .400<br>(10.16)  | .860<br>(21.84)  | 1.260<br>(32.00) | 1.100<br>(27.94) |
| 14                   | .600<br>(15.24)  | 1.060<br>(26.92) | 1.460<br>(37.08) | 1.300<br>(33.02) |
| 16                   | .700<br>(17.78)  | 1.160<br>(29.46) | 1.560<br>(39.62) | 1.400<br>(35.56) |
| 20                   | .900<br>(22.86)  | 1.360<br>(34.54) | 1.760<br>(44.70) | 1.600<br>(40.64) |
| 26                   | 1.200<br>(30.48) | 1.660<br>(42.16) | 2.060<br>(52.32) | 1.900<br>(48.26) |
| 34                   | 1.600<br>(40.64) | 2.060<br>(52.32) | 2.460<br>(62.48) | 2.300<br>(58.42) |
| 40                   | 1.900<br>(48.26) | 2.360<br>(59.94) | 2.760<br>(70.10) | 2.600<br>(66.04) |
| 50                   | 2.200<br>(60.96) | 2.860<br>(72.64) | 3.260<br>(82.80) | 3.100<br>(78.74) |
| 60                   | 2.900<br>(73.66) | 3.360<br>(85.34) | 3.760<br>(95.50) | 3.600<br>(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—  $-55^{\circ}\text{C}$  to  $+125^{\circ}\text{C}$   
CONTACT RATING— 1 AMPERE.  
DIELECTRIC STRENGTH— OVER 500V.D.C. AT SEA LEVEL.  
INSULATION RESISTANCE— GREATER THAN  $5 \times 10^9$  OHMS.

**CUSTOMER  
DRAWING ONLY**

**CW INDUSTRIES**  
Southampton, Pa. 18966

TOLERANCES UNLESS OTHERWISE SPECIFIED

|                            |                                  |
|----------------------------|----------------------------------|
| 2 Place Decimal $\pm 0.10$ | METRIC                           |
| 3 Place Decimal $\pm 0.05$ | 1 Place Dec. $\pm 0.25\text{mm}$ |
| Angles ..... $\pm 1^\circ$ | 2 Place Dec. $\pm 0.13\text{mm}$ |

Made for: CW IND

Drawn by: DGW 9-18-2012

Checked by: *G Gould 1-11-13*

Approval: C. Harmon 1/6/13

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

Division: CONNECTOR

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

# MASTERS