

DIMENSIONS IN INCHES (MILLIMETERS)  
DO NOT SCALE DRAWING .....

Dwg. No.  
**CWR-142-XX-0000**

**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. Unless otherwise specified, tolerance are  $\pm .005$  ( $\pm .13$ ) for three place decimals, and  $\pm .01$  ( $\pm .3$ ) for two place decimals.

**MATERIALS:**

PLASTIC PARTS - UL94V-0 Thermoplastic (blue, standard) flame retardant.

CONTACTS - Phosphor bronze, standard;

CONTACT PLATING- .000010 Gold over .000050 Nickel, Std.

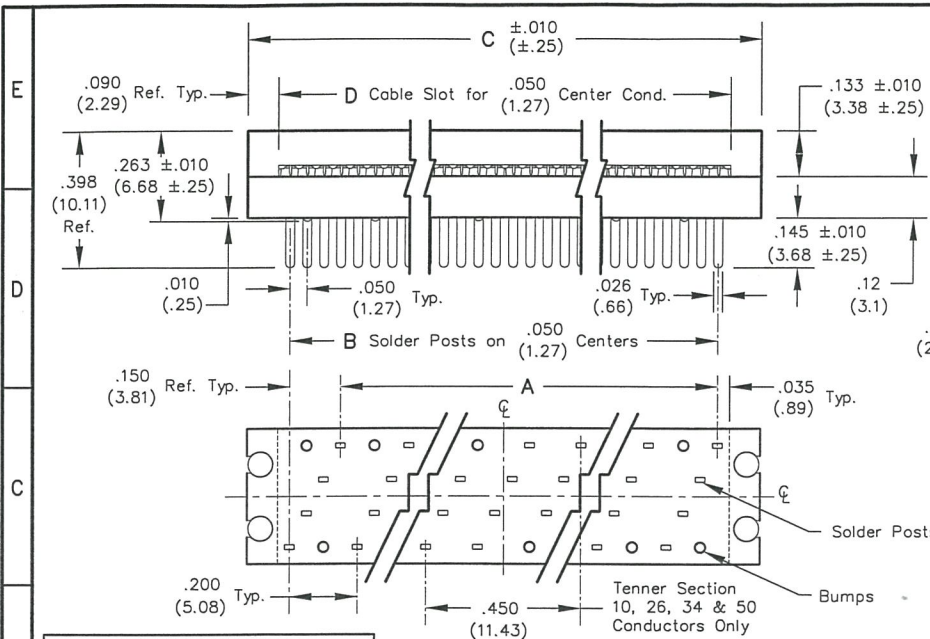
**OPERATING STANDARDS:**

TEMPERATURE RATING - 120°C.

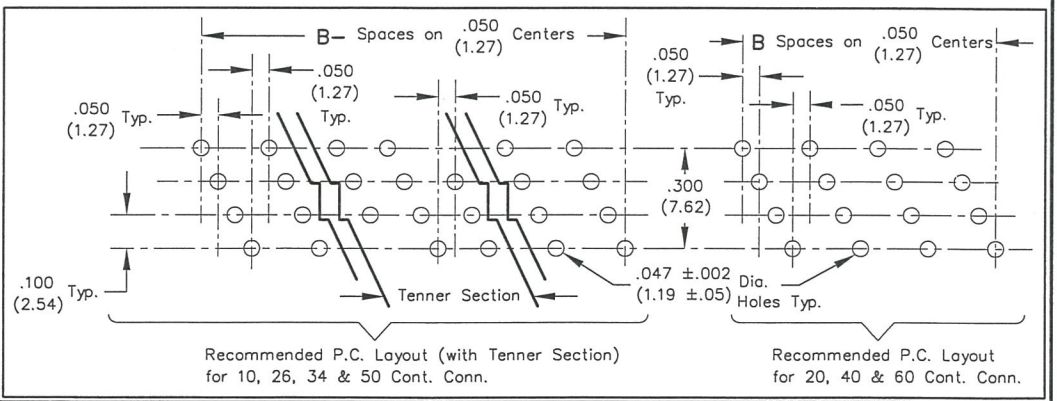
CONTACT RATING - 1 Ampere.

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

CONDUCTORS ACCEPTED - 28-30 AWG solid or stranded.



CONNECTOR DIMENSIONS				
No. Conds. -XX	A	B	C	D
10	—	.450 (11.43)	.700 (17.78)	.520 (13.21)
20	.800 (20.32)	.950 (24.13)	1.200 (30.48)	1.020 (25.91)
26	1.100 (27.94)	1.250 (31.75)	1.500 (38.10)	1.320 (33.53)
34	1.500 (38.10)	1.650 (41.91)	1.900 (48.26)	1.720 (43.69)
40	1.800 (45.72)	1.950 (49.53)	2.200 (55.88)	2.020 (51.31)
50	2.300 (58.42)	2.450 (62.23)	2.700 (68.58)	2.520 (64.01)
60	2.800 (71.12)	2.950 (74.93)	3.200 (81.28)	3.020 (76.71)



**CUSTOMER DRAWING**

1 2 3 4 5 6 7 8 9 10

FORM-B3  
REVISIONS  
RELEASED  
DWG 7-31-2001

**ATTENTION**  
THIS DRAWING AND ITS ATTACHMENTS, IF ANY, ARE PROPRIETARY TO CW INDUSTRIES AND DESCRIBE DESIGNS THAT ARE CONFIDENTIAL AND MUST NOT BE DISCLOSED UNLESS AUTHORIZED, IN WRITING, BY AN OFFICER OF CW INDUSTRIES.....

**CW INDUSTRIES**  
Southampton, Pa. 18966

TOLERANCES UNLESS OTHERWISE SPECIFIED	
2 Place Decimal $\pm .010$	METRIC
3 Place Decimal $\pm .005$	1 Place Dec. $\pm .25$ mm
Angles ..... $\pm 1^\circ$	2 Place Dec. $\pm .13$ mm

Made for: CW IND.  
Drawn by: DGW 7-31-2001  
Checked by: G. Guld 8-2-01  
Approval: *[Signature]* 8-2-01

Title: **P.C.B. CONNECTOR**  
**.145" SOLDER POSTS**  
**W/O S/R & COVER LIPS**

Division: **CONNECTOR**

Dwg. No. **CWR-142-XX-0000**

**MASTER**