

DIMENSIONS IN INCHES (MILLIMETERS)
 DO NOT SCALE DRAWING
 Dwg. No. **CWR-142-XX-0042**

- NOTES:**
- Dimensions are in inches; dimensions in () are in millimeters.
 - Metric equivalents are given for general information only, and are based upon 1.00 inches equals (25.4) millimeters.
 - 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.

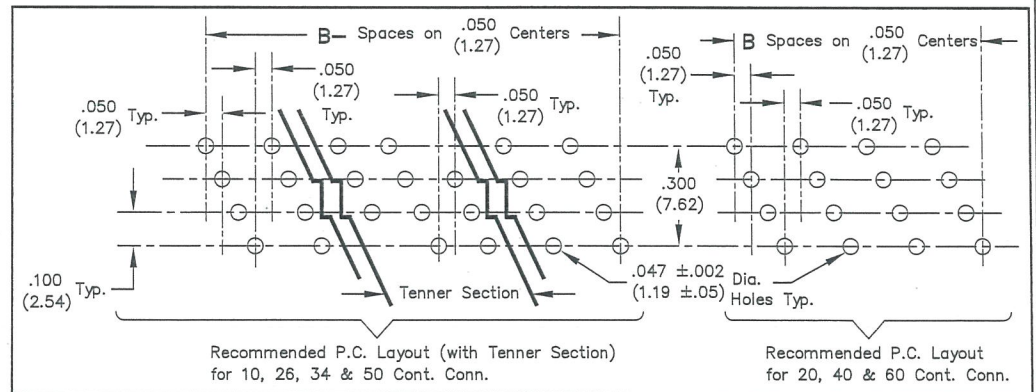
CONTACTS - Phosphor bronze, standard;
 CONTACT PLATING- 100 90/10 Bright Solder (min.)/50Ni

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					MIL-DTL- M83503/23
No. Concs. -XX	A	B	C	D	
10	—	.450 (11.43)	.700 (17.78)	.520 (13.21)	-02
20	.800 (20.32)	.950 (24.13)	1.200 (30.48)	1.020 (25.91)	-04
26	1.100 (27.94)	1.250 (31.75)	1.500 (38.10)	1.320 (33.53)	-06
34	1.500 (38.10)	1.650 (41.91)	1.900 (48.26)	1.720 (43.69)	-08
40	1.800 (45.72)	1.950 (49.53)	2.200 (55.88)	2.020 (51.31)	-10
50	2.300 (58.42)	2.450 (62.23)	2.700 (68.58)	2.520 (64.01)	-12

CUSTOMER DRAWING



1 2 3 4 5 6 7 8 9 10

FORM-B3

REVISIONS

2	UPDATED & REDRAWN. DGW 6-09-2009
3	Added MIL-DTL-M83503/23 Dash No.'s & removed 80 Contacts from chart. DGW 7/11/19 1 5 2019 CGL 2/11/19

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 6-09-2009
 Checked by: G. GOLD 7/11/19
 Approval: CGL 7/15/19

Title: P.C.B. CONNECTOR
 .145" SOLDER POSTS
 W/O S/R & COVER LIPS
 Division: CONNECTOR
 Dwg. No. CWR-142-XX-0042

MASTER