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B-FORMAT 2002 REVISIONS 0
 RELEASED: DGW 9-18-2012
 1/11/13 JAN 11 2013



CWN-XXX-XX-XXXX

Type of Connector
 5= Polarized Header
 6= Non-Polarized

Pin Configuration
 5= Straight solder pins .090±.010 (2.29±.25) long, .025 (.64) Rnd.
 6= Straight solder pins .155±.010 (3.94±.25) long, .025 (.64) Rnd.
 7= Straight 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)

DIMENSIONS IN INCHES (MILLIMETERS)
 DO NOT SCALE DRAWING

Dwg. No.
CWN-5,6XX-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

PDF MADE	CW INDUSTRIES Southampton, Pa. 18966		Title: FULLY SHROUDED STRAIGHT PIN P.C.B. HEADER	
	TOLERANCES UNLESS OTHERWISE SPECIFIED		.100" x .100" CENTERS	
	2 Place Decimal ±.010	METRIC	Division: CONNECTOR	
	3 Place Decimal ±.005	1 Place Dec. ±.25mm	Dwg. No. CWN-5,6XX-XX-XXXX	
Angles ±1°		2 Place Dec. ±.13mm		
Made for: CW JND.		Checked by: G. Gold 1-11-13		
Drawn by: DGW 9-18-2012		Approval: C. Hanson 1/11/13		

MASTER

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