



NOTES:

1. SEE PART NUMBER SHEET FOR PACKAGE SIZES
2. CONTACT MATERIAL: BRASS ALLOY; BRIGHT ACID TIN OVER NICKEL PLATING.
3. HOUSING MATERIAL: NYLON 6/6; UL94 V-2
4. FOR 15 MICROINCH GOLD OVER NICKEL OR GOLD FLASH OVER PALLADIUM NICKEL, ADD THE "B" SUFFIX TO THE PART NUMBER.
5. ALL DIMENSIONS ARE SHOWN IN INCHES AND [MILLIMETERS].

VOLTAGE RATING: 300 VAC TEMPERATURE RATING -55°C TO 105°C		
WIRE GAUGE AWG (MM <sup>2</sup> )	CONNECTOR STRIPE COLOR	CURRENT RATING, AMPS
22 (0.3-0.4)	RED	4.0
24 (0.2)	BLACK	3.5
26 (0.12-0.15)	BLUE	3.5
28 (0.08-0.09)	GREEN	3.0

U.L. RECOGNIZED ... FILE # E73711



				 www.pancon.de / GERMANY www.panconconnectors.com / USA <b>BOLINGBROOK, IL</b>			
				MAS-CON .100" END CIRCUIT CONNECTOR WITH POLARIZATION TABS & LOCKING TOES			
				UNLESS OTHERWISE SPECIFIED DIMENSIONAL TOLERANCES ARE: (.X) ±                      (.XXX) ± (.XX) ±                     (ANGLES) ±		UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE GIVEN IN INCHES. THIRD ANGLE PROJECTION	
				DRAWN BY: DWS		MATERIAL: SEE NOTES	
				DATE: 9/27/12		SCALE: 2/1	
9	9/27/12	DWS		REDRAWN			
REV.	DATE	BY	CHK	DESCRIPTION	CN	- R	CST SUP
				CHK'D		DRAWING NO. KA-10431	
						DWG. A SIZE	
						SHT. 1 OF 2	

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NO. OF CIRCUITS	DIM "A" IN. / (MM)	* PART NUMBER				WT. / 100 PCS. LBS / (GRAMS)
		22 AWG	24 AWG	26 AWG	28 AWG	
2	.20/(.51)	CEP100F22-2	CEP100F24-2	CEP100F26-2	CEP100F28-2	.08/(.36)
3	.30/(7.6)	CEP100F22-3	CEP100F24-3	CEP100F26-3	CEP100F28-3	.12/(.54)
4	.40/(10.2)	CEP100F22-4	CEP100F24-4	CEP100F26-4	CEP100F28-4	.16/(.73)
5	.50/(12.7)	CEP100F22-5	CEP100F24-5	CEP100F26-5	CEP100F28-5	.20/(.91)
6	.60/(15.2)	CEP100F22-6	CEP100F24-6	CEP100F26-6	CEP100F28-6	.24/(1.09)
7	.70/(17.8)	CEP100F22-7	CEP100F24-7	CEP100F26-7	CEP100F28-7	.28/(1.27)
8	.80/(20.3)	CEP100F22-8	CEP100F24-8	CEP100F26-8	CEP100F28-8	.32/(1.45)
9	.90/(22.9)	CEP100F22-9	CEP100F24-9	CEP100F26-9	CEP100F28-9	.36/(1.63)
10	1.00/(2.54)	CEP100F22-10	CEP100F24-10	CEP100F26-10	CEP100F28-10	.41/(1.86)
11	1.10/(27.9)	CEP100F22-11	CEP100F24-11	CEP100F26-11	CEP100F28-11	.45/(2.04)
12	1.20/(30.5)	CEP100F22-12	CEP100F24-12	CEP100F26-12	CEP100F28-12	.49/(2.22)
13	1.30/(33.0)	CEP100F22-13	CEP100F24-13	CEP100F26-13	CEP100F28-13	.53/(2.40)
14	1.40/(35.6)	CEP100F22-14	CEP100F24-14	CEP100F26-14	CEP100F28-14	.57/(2.59)
15	1.50/(38.1)	CEP100F22-15	CEP100F24-15	CEP100F26-15	CEP100F28-15	.61/(2.77)
16	1.60/(40.6)	CEP100F22-16	CEP100F24-16	CEP100F26-16	CEP100F28-16	.65/(2.95)
17	1.70/(43.2)	CEP100F22-17	CEP100F24-17	CEP100F26-17	CEP100F28-17	.69/(3.13)
18	1.80/(45.7)	CEP100F22-18	CEP100F24-18	CEP100F26-18	CEP100F28-18	.73/(3.31)
19	1.90/(48.3)	CEP100F22-19	CEP100F24-19	CEP100F26-19	CEP100F28-19	.77/(3.49)
20	2.00/(50.8)	CEP100F22-20	CEP100F24-20	CEP100F26-20	CEP100F28-20	.81/(3.67)
21	2.10/(53.3)	CEP100F22-21	CEP100F24-21	CEP100F26-21	CEP100F28-21	.85/(3.86)
22	2.20/(55.9)	CEP100F22-22	CEP100F24-22	CEP100F26-22	CEP100F28-22	.89/(4.04)
23	2.30/(58.4)	CEP100F22-23	CEP100F24-23	CEP100F26-23	CEP100F28-23	.93/(4.22)
24	2.40/(61.0)	CEP100F22-24	CEP100F24-24	CEP100F26-24	CEP100F28-24	.97/(4.40)
25	2.50/(63.5)	CEP100F22-25	CEP100F24-25	CEP100F26-25	CEP100F28-25	1.01/(4.58)
26	2.60/(66.0)	CEP100F22-26	CEP100F24-26	CEP100F26-26	CEP100F28-26	1.05/(4.76)
27	2.70/(68.6)	CEP100F22-27	CEP100F24-27	CEP100F26-27	CEP100F28-27	1.09/(4.94)
28	2.80/(71.1)	CEP100F22-28	CEP100F24-28	CEP100F26-28	CEP100F28-28	1.13/(5.13)

\* - SEE NOTE 1

-D SUFFIX = 500 PCS. PER BAG  
 -C SUFFIX = 100 PCS. PER BAG



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								DRAWN BY: DWS	MATERIAL: DATE: 9/27/12	
9	9/27/12	DWS		SEE SHT. 1					DRAWING NO. KA-10431	
REV.	DATE	BY	CHK	DESCRIPTION	CN	-	R	CST	SUP	CHK'D SHT. 2 OF 2

DWG. A SIZE

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