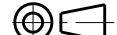


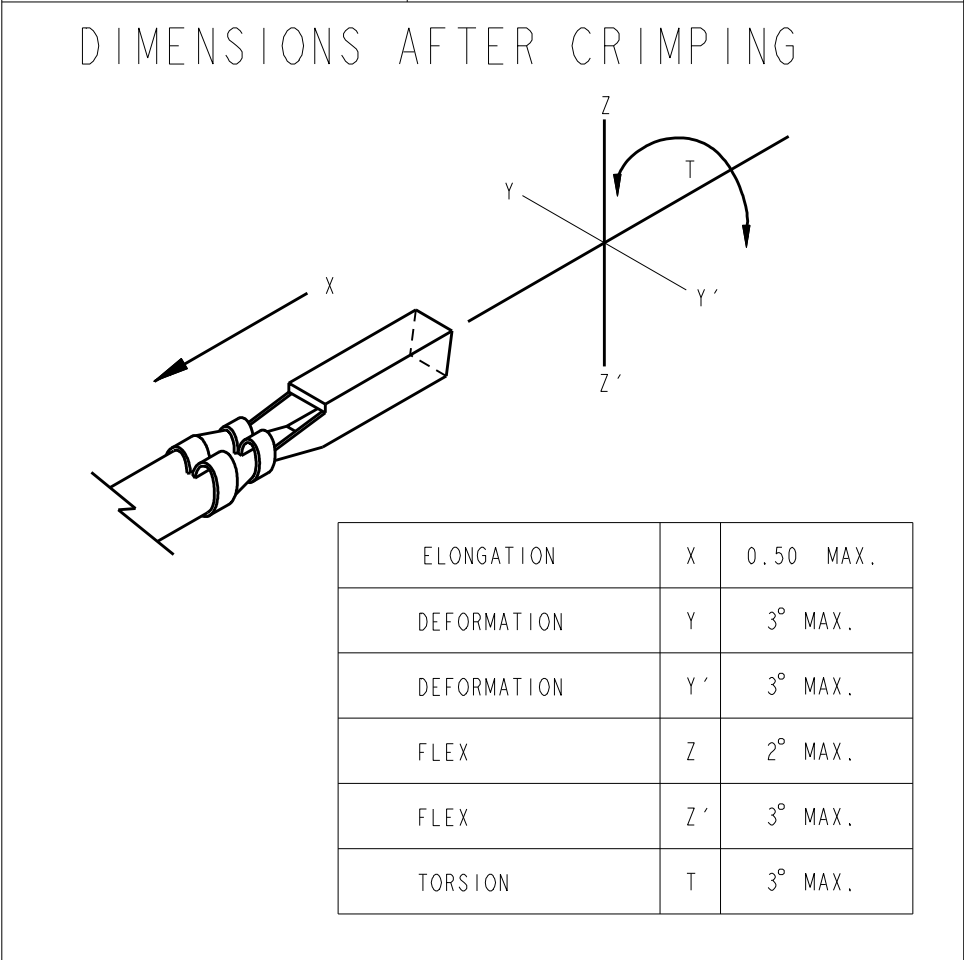
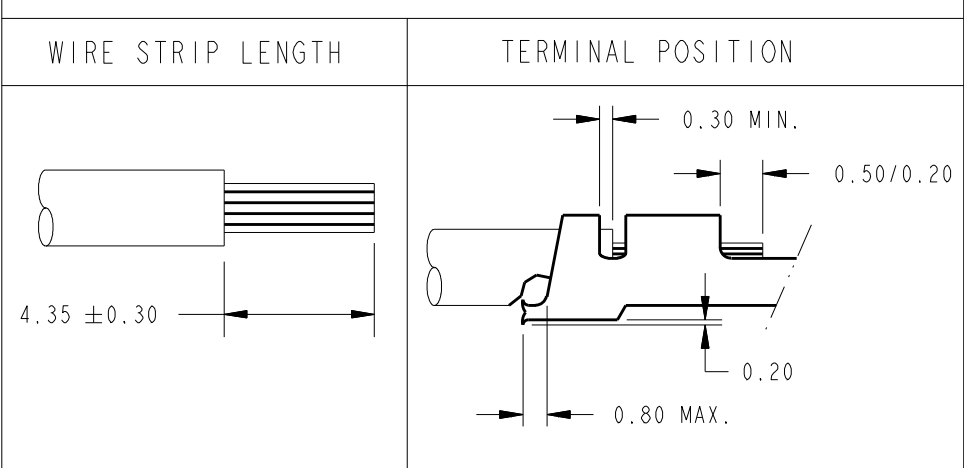
DRAWING REVISIONS (RELEASE DATE ON FILE)			
REV	DOCUMENT	APP	APPROVAL DATE
J	PER C.O. # 988	V.R.	04/21/10

NOTES:

1. TERMINAL MATERIAL: HIGH PERFORMANCE COPPER BASED ALLOY.
2. TERMINAL PRE-PLATED 1.0 MIN MICRON THICKNESS 100% TIN (Sn) OVERALL.
3. TERMINALS SUPPLIED 3,500 EA. PER REEL.
4. TOLERANCES UNLESS OTHERWISE NOTED:  
X.X ± 0.5  
X.XX ± 0.30
5. ALL DIMENSIONS IN MM UNLESS OTHER WISE SPECIFIED.

UNITS				PRO/E		CINCH		1700 FINLEY RD LOMBARD, IL. 60148			
DO NOT SCALE DRAWING		DESIGN ENGINEER R. BYCZEK		DATE 12/21/99		TITLE FEMALE TERMINAL BIR 16/20 AWG UNIVERSAL					
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN mm		APPROVALS ON FILE		MATERIAL SEE NOTES		CONTROL SPEC NUMBER -					
FILLET/RADII 0.50 MAX.				TOLERANCES X ± 0.3 XX ± 0.13 XXX ± 0.025 ANGULAR ± 0.5°		MATERIAL SPEC NUMBER -		FINISH SEE NOTES		PROJECT NUMBER A14243	
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CAGE IDENT NO. 71785				SIZE B		SCALE 1:1		SHEET 1 OF 2			


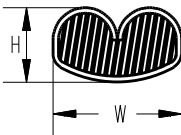
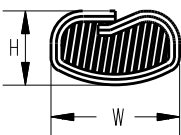
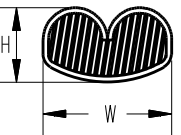
STRIP AND CRIMP SPECIFICATIONS



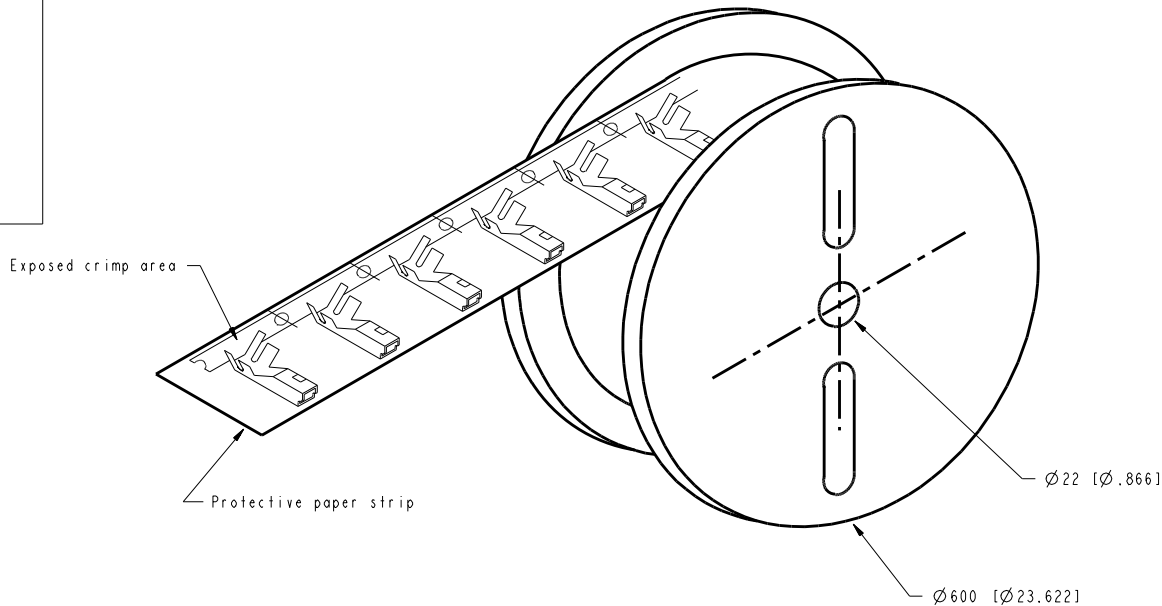
NOTES:

- ALL DIMENSIONS IN MILLIMETERS, EXCEPT WHEN SHOWN IN PARENTHESES "( )", DIMS ARE IN INCHES.
  - ALL FORCES: POUNDS
  - CONTACT PART NUMBER: 4250000872/873
  - NO WARRANTY OR GUARANTEE EXPRESSED OR IMPLIED IS MADE REGARDING THE INFORMATION PRESENTED HEREIN. IT IS, HOWEVER, TRUE AND ACCURATE TO THE BEST OF OUR KNOWLEDGE.
5. PRODUCT NOT RATED FOR 14 AWG AMPERAGE (10+ AMPS), HOWEVER CAN BE USED FOR VOLTAGE DROP ONLY.

CRIMP DIMENSIONS

SINGLE CONDUCTOR				DUAL CONDUCTOR		INSULATION		FORCE READINGS AS TESTED		PULL OFF FORCE AS SPECIFIED
STRANDED		SOLID				STRANDED				
										
H	W	H	W	H	L	H	W	AVG.	MIN.	MIN.
± 0.03	±0.02	± 0.38	± 0.38	± 0.38	± 0.38	± 0.05	±0.05			
1.10	2.04					2.50	2.58	37	36	14.8
1.10	2.04					2.40	2.55			
1.20	2.05					2.45	2.55			
1.20	2.23					2.55	2.82	49	47	19.8
1.18	2.05					2.35	2.50			
1.18	2.23					2.45	2.80	43	37	19.8
1.30	2.26					2.55	2.88			
1.30	2.26					2.58	2.88	62	58	27.0
1.58	2.29					2.60	2.94		62	

WIRE								
WIRE TYPE			INSULATION			TERMINAL PART NUMBER	H	W
mm <sup>2</sup>	AWG	NUMBER OF STRANDS	TYPE	MAX. DIA.	MIN. DIA.		± 0.03	±0.1
.5	20	7	GXL	2.11 (.083)	2.03 (.080)	425 00 00 872	1.10	2.0
.5	20	19	GXL	2.34 (.092)	2.18 (.086)	425 00 00 872	1.10	2.0
.8	18	19	TXL	2.12 (.083)	1.96 (.077)	425 00 00 872	1.20	2.0
.8	18	19	GXL	2.42 (.095)	2.26 (.089)	425 00 00 873	1.20	2.2
.8	18	16	TXL	2.12 (.083)	1.96 (.077)	425 00 00 872	1.18	2.0
.8	18	16	GXL	2.42 (.095)	2.26 (.089)	425 00 00 873	1.18	2.2
1.0	16	19	TXL	2.25 (.089)	2.09 (.082)	425 00 00 873	1.30	2.2
1.0	16	19	GXL	2.64 (.104)	2.48 (.098)	425 00 00 873	1.30	2.2
5 2.0	14	19	TXL	2.66 (.105)	2.50 (.098)	425 00 00 873	1.58	2.2



UNITS

METRIC

DO NOT SCALE DRAWING

UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN mm

FILLET/RADII 0.50 MAX.

TOLERANCES  
X ± 0.5  
XX ± 0.13  
XXX ± 0.025  
ANGULAR ± 0.5°

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1700 FINLEY RD LOMBARD, IL 60148

TITLE

FEMALE TERMINAL BIR 16/20 AWG UNIVERSAL

PRO/E DRAWING

CAD FILE NUMBER 4250000872S

CAGE IDENT NO. 71785

SIZE B

DRAWING NUMBER 4250000872S

SCALE 1:250

REV J

SHEET 2 OF 2

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