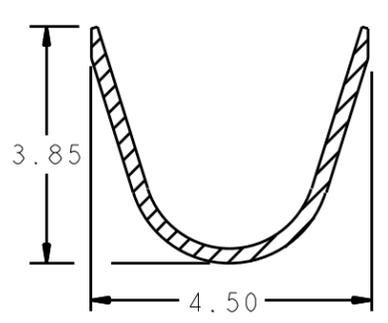
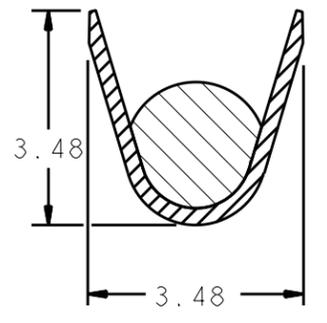


DRAWING REVISIONS (RELEASE DATE ON FILE)			
REV	DOCUMENT	APP	APPROVAL DATE
J	PER C.O. # 988	V.R.	04/21/10

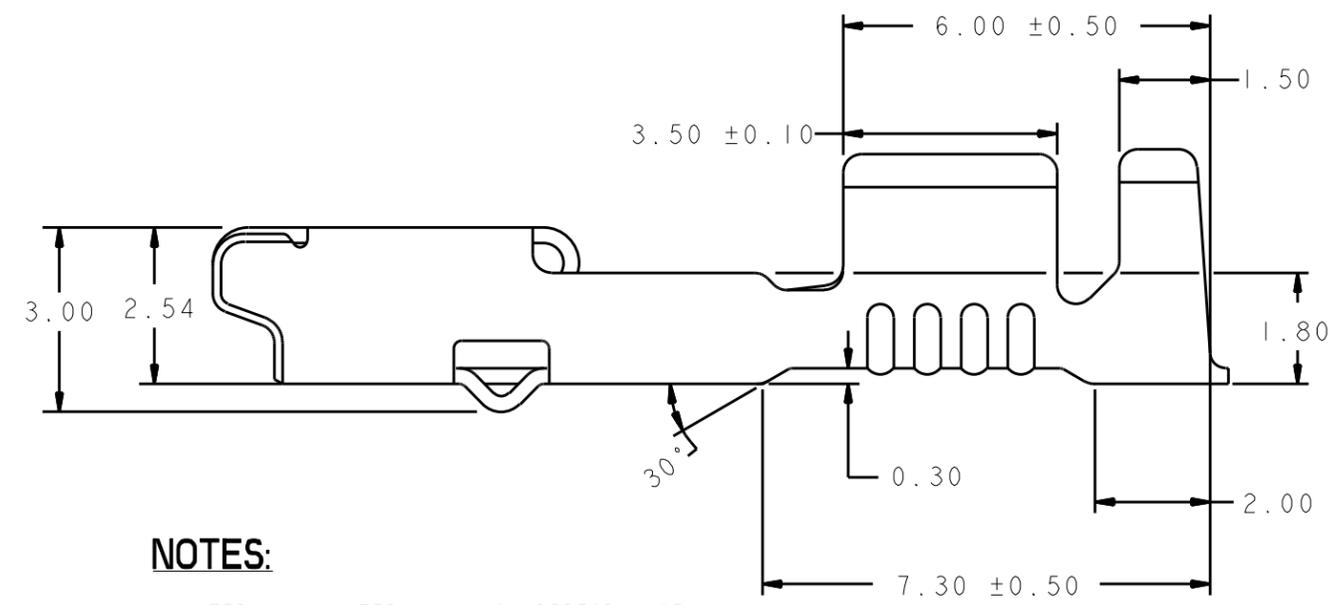
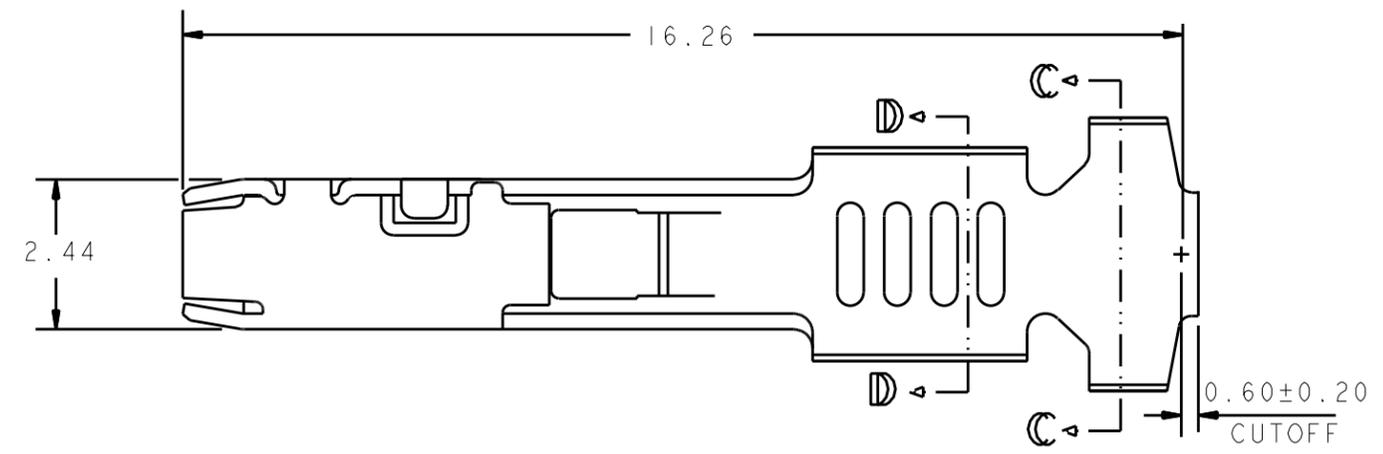
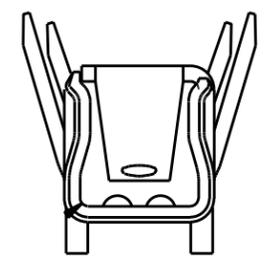


SECTION C-C



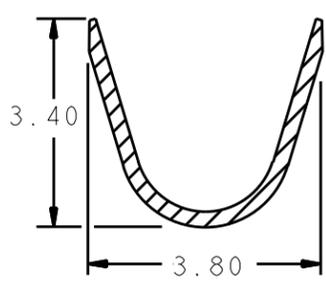
SECTION D-D

P/N 4250000873

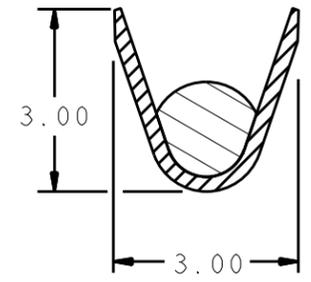


NOTES:

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 OTHERWISE SPECIFIED.



SECTION C-C

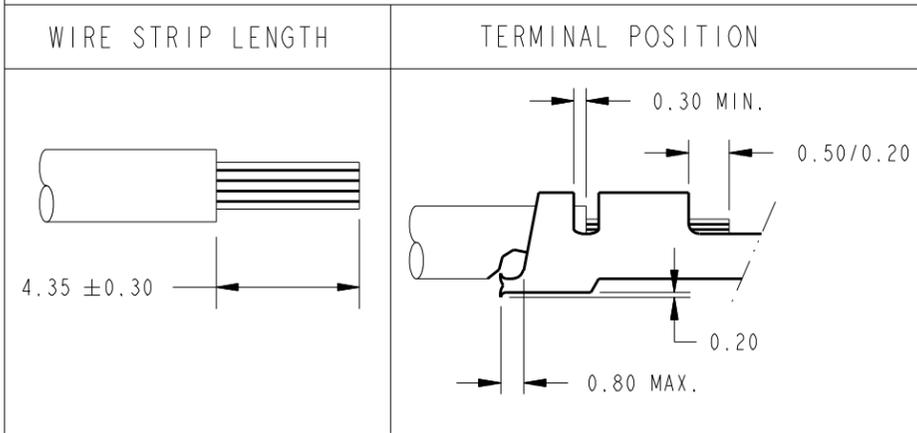


SECTION D-D

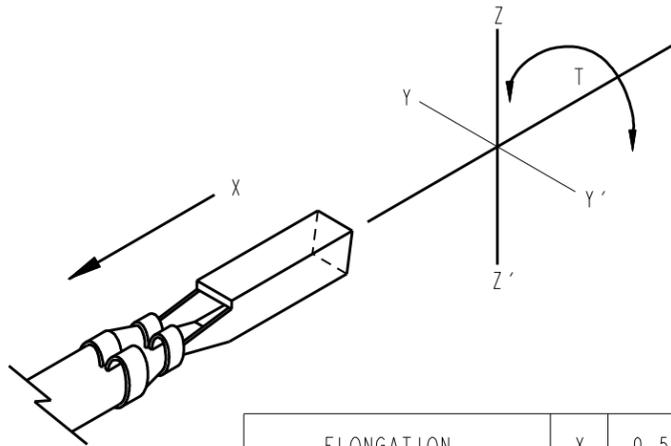
P/N 4250000872

UNITS METRIC		PRO/E		CINCH		MODELED BY: NAME			
DO NOT SCALE DRAWING		DESIGN ENGINEER R. BYCZEK	DATE 12/21/99	TITLE FEMALE TERMINAL BIR 16/20 AWG UNIVERSAL		1700 FINLEY RD LOMBARD, IL 60148			
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN mm		APPROVALS ON FILE		MATERIAL SEE NOTES		CONTROL SPEC NUMBER -			
FILLET/RADIUS 0.50 MAX.				MATERIAL SPEC NUMBER -		FINISH SEE NOTES		PROJECT NUMBER A14243	
TOLERANCES X ± 0.3 XX ± 0.13 XXX ± 0.025 ANGULAR ± 0.5				CAD FILE NUMBER 4250000872S		DRAWING NUMBER 4250000872S			
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STRIP AND CRIMP SPECIFICATIONS



DIMENSIONS AFTER CRIMPING

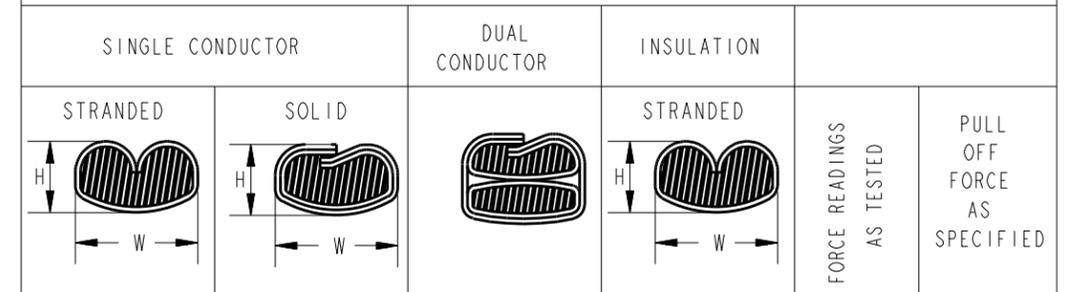


ELONGATION	X	0.50 MAX.
DEFORMATION	Y	3° MAX.
DEFORMATION	Y'	3° MAX.
FLEX	Z	2° MAX.
FLEX	Z'	3° MAX.
TORSION	T	3° MAX.

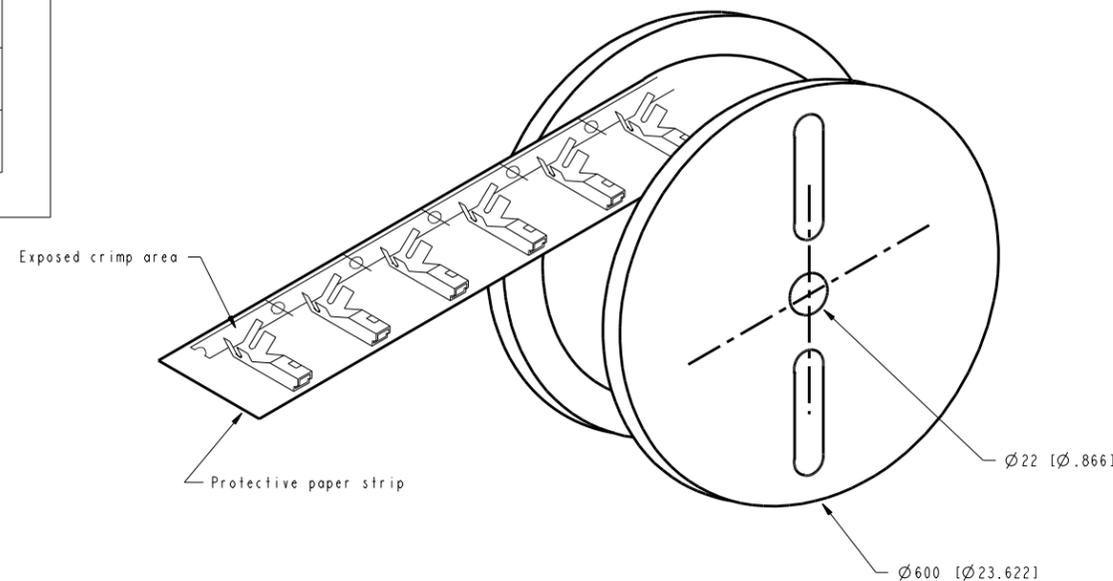
NOTES:

- 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.
- PRODUCT NOT RATED FOR 14 AWG AMPERAGE (10+ AMPS), HOWEVER CAN BE USED FOR VOLTAGE DROP ONLY.

CRIMP DIMENSIONS



WIRE						CRIMP DIMENSIONS										
WIRE TYPE			INSULATION			TERMINAL PART NUMBER	SINGLE CONDUCTOR		DUAL CONDUCTOR		INSULATION		FORCE READINGS AS TESTED		PULL OFF FORCE AS SPECIFIED	
mm ²	AWG	NUMBER OF STRANDS	TYPE	MAX. DIA.	MIN. DIA.		H	W	H	W	H	W	AVG.	MIN.		MIN.
.5	20	7	GXL	2.11 (.083)	2.03 (.080)	425 00 00 872	1.10	2.04			2.50	2.58	37	36	14.8	
.5	20	19	GXL	2.34 (.092)	2.18 (.086)	425 00 00 872	1.10	2.04			2.40	2.55				
.8	18	19	TXL	2.12 (.083)	1.96 (.077)	425 00 00 872	1.20	2.05			2.45	2.55				
.8	18	19	GXL	2.42 (.095)	2.26 (.089)	425 00 00 873	1.20	2.23			2.55	2.82	49	47	19.8	
.8	18	16	TXL	2.12 (.083)	1.96 (.077)	425 00 00 872	1.18	2.05			2.35	2.50				
.8	18	16	GXL	2.42 (.095)	2.26 (.089)	425 00 00 873	1.18	2.23			2.45	2.80	43	37	19.8	
1.0	16	19	TXL	2.25 (.089)	2.09 (.082)	425 00 00 873	1.30	2.26			2.55	2.88				
1.0	16	19	GXL	2.64 (.104)	2.48 (.098)	425 00 00 873	1.30	2.26			2.58	2.88	62	58	27.0	
⑤ 2.0	14	19	TXL	2.66 (.105)	2.50 (.098)	425 00 00 873	1.58	2.29			2.60	2.94			62	



UNITS	METRIC	CINCH	1700 FINLEY RD LOMBARD, IL. 60148
DO NOT SCALE DRAWING		TITLE	
UNLESS OTHERWISE SPECIFIED: ALL DIMENSIONS ARE IN mm		FEMALE TERMINAL BIR 16/20 AWG UNIVERSAL	
FILLET/RADI 0.50 MAX.		PRO/E DRAWING	
TOLERANCES X ± 0.3 XX ± 0.13 XXX ± 0.025 ANGULAR ± 0.5°		CAD FILE NUMBER 4250000872S	DRAWING NUMBER 4250000872S
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		SCALE 1:250	SHEET 2 OF 2

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