

DRAWING NO.		FCI CONFIDENTIAL															FCI CONFIDENTIAL															REV. DATE DESCRIPTION ECO BY C'K'D.				
FE211463		CATALOG NO.	FIG NO.	B +.030 -.020	C	C TOL.	E ±.010	H H TOL.	H TOL.	K ±.010	L	N ±.025	P REF.	R REF.	T REF.	Y MIN.	CHAM. DIA. ±.015	CONDUCTOR SIZE LETTERING INFO.																		
		YAZ8C-2TC10	1	.750	.407	±.020	.625	--	--	.210	2.069	.250	.858	--	.082	.901	.210	8 AWG N23 RED DIE 49																		
		YAZ8C-2TC10-45	2				.625	.845	±.060		2.000			.041		.901																				
		YAZ8C-2TC10-90	3				.625	1.000	MAX.		1.372			.041		.901																				
		YAZ8C-2TC10E2	1				.750	--	--		2.194			--		1.026																				
		YAZ8C-2TC10E2-45	2				.750	.845	±.060		2.125			.041		1.026																				
		YAZ8C-2TC10E2-90	3		.407		.750	1.000	MAX.	.210	1.497	.250		.041	.082	1.026																				
		YAZ8C-2TC14E10	1		.437		1.250	--	--	.272	2.818	.312		--	.076	1.588																				
		YAZ8C-2TC14E10-45	2				1.250	.842	±.060		2.736			.038		1.588																				
		YAZ8C-2TC14E10-90	3				1.250	1.000	MAX.		2.118			.038		1.588																				
		YAZ8C-2TC14E1	1				1.000	--	--		2.568			--		1.338																				
		YAZ8C-2TC14E1-45	2				1.000	.842	±.060		2.486			.038		1.338																				
		YAZ8C-2TC14E1-90	3				1.000	1.000	MAX.		1.868			.038		1.338																				
		YAZ8C-2TC14	1				.625	--	--		2.193			--		.963																				
		YAZ8C-2TC14-45	2				.625	.842	±.060		2.111			.038		.963																				
		YAZ8C-2TC14-90	3				.625	1.000	MAX.		1.493			.038		.963																				
		YAZ8C-2TC14E2	1				.750	--	--		2.318			--		1.088																				
		YAZ8C-2TC14E2-45	2				.750	.842	±.060		2.236			.038		1.088																				
		YAZ8C-2TC14E2-90	3		.437	±.020	.750	1.000	MAX.	.272	1.618	.312		.038	.076	1.088																				
		YAZ8C-2TC38	1		.583	±.025	1.000	--	--	.398	2.756	.406		--	.056	1.432																				
		YAZ8C-2TC38-45	2		.583	±.025	1.000	.833	±.060	.398	2.628	.406		.028	.056	1.432		8 AWG N23 RED DIE 49																		
		YAZ8C-2TC38-90	3	.750	.583	±.025	1.000	1.000	MAX.	.398	2.046	.406	.858	.028	.056	1.432	.210																			

5

3

K DIA.

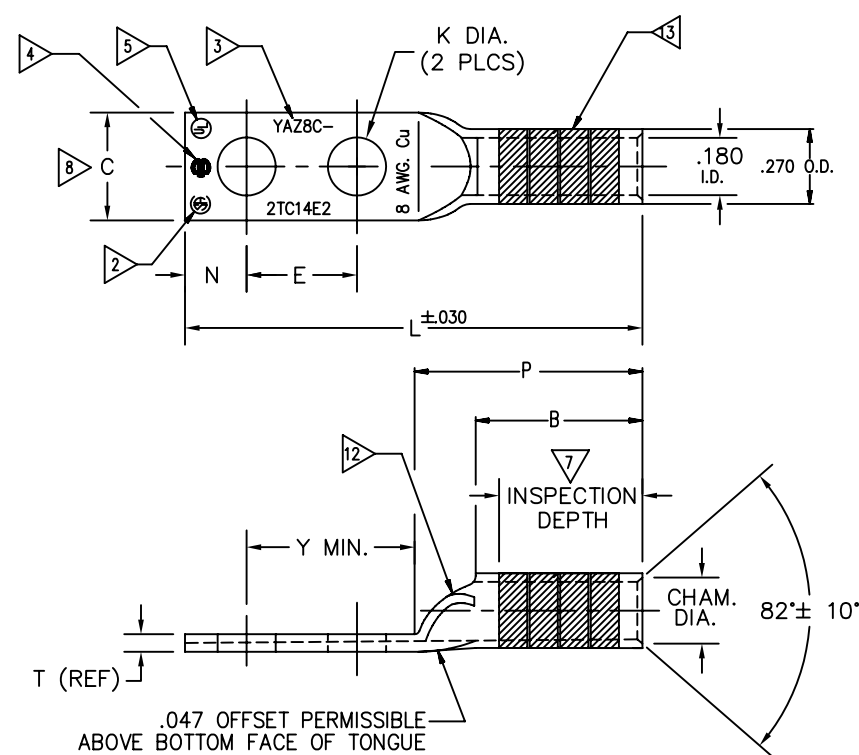


FIG 1

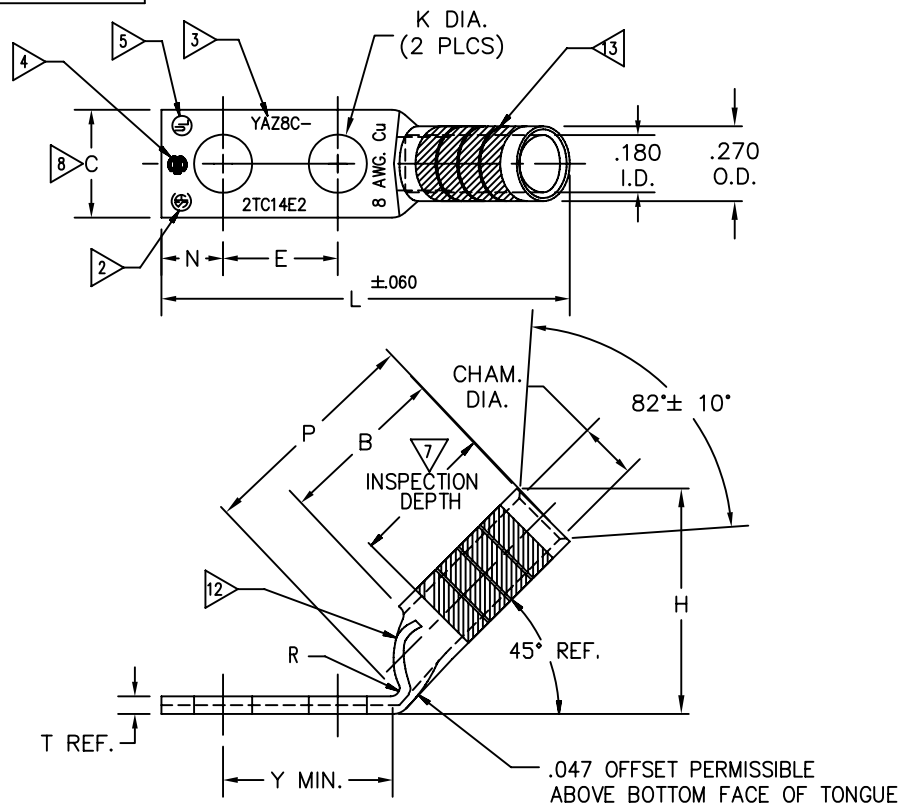


FIG 2

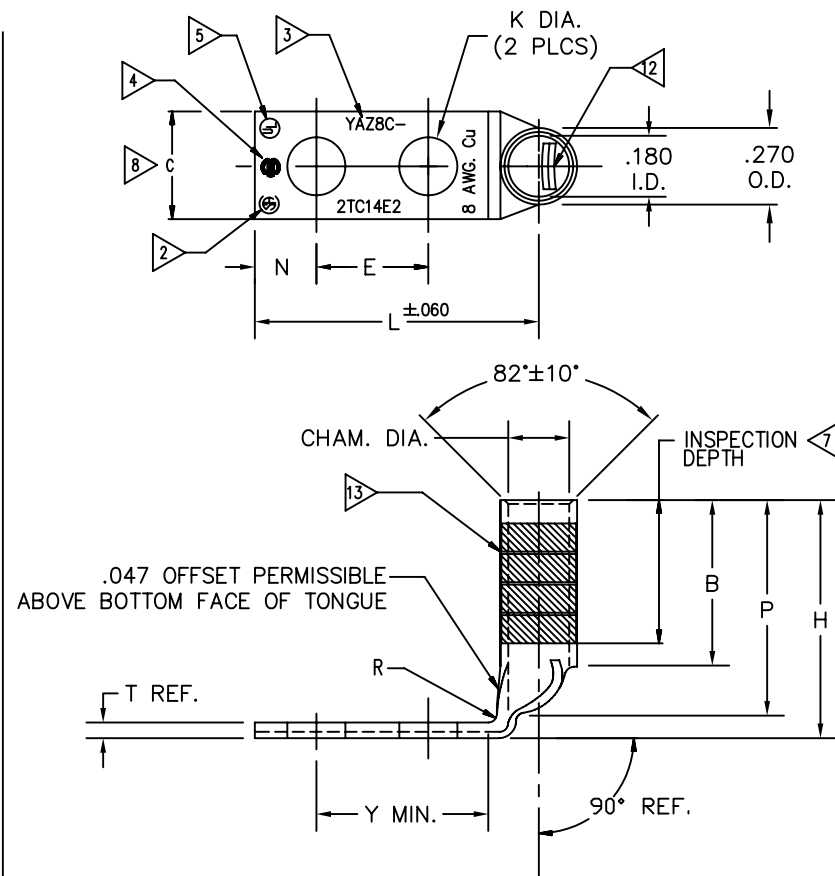
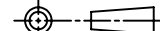


FIG 3

NOTES:

- BREAK ALL SHARP EDGES UNLESS OTHERWISE SPECIFIED.
- 'CSA' SYMBOL PER INTERNAL SPECIFICATION L4591. (OMIT FROM "U" PARTS)
- ALL LETTERING TO BE METAL STAMPED.
- BRAND NAME PER INTERNAL SPEC. L4116, TYPE 3A.
- 'UL' SYMBOL PER INTERNAL SPECIFICATION L4219. (OMIT FROM "U" PARTS)
- FINISH HARDNESS : RF 50 MAX. APPLIES TO BARREL ONLY. TONGUE HARDNESS IS RESULTANT.
- ACCEPTABLE LIMITS OF INSIDE AND OUTSIDE DIAMETER OVALIZATION PER SPECIFICATION D4131. INSPECTION DEPTH OF BARREL I.D. TO BE .720 (INSPECTION PIN DIA. = .174).
- MAXIMUM ACCEPTABLE TONGUE WIDTH ACROSS THE "K" HOLE OR AT THE END OF TONGUE EQUALS MAXIMUM SPECIFIED "C" DIMENSIONS + .020
- REMOVE PER ECO 5912.
- INFORMATION STAMPED ON TONGUE MUST INCLUDE ENTIRE CATALOG NO. (EXCLUDING -45 AND -90 ON BENT CONNECTORS), PRODUCT IDENTIFIER UL, CSA LOGOS AND WIRE SIZE. IN ADDITION, IF SPACE PERMITS, ADD LETTERS 'Cu' AFTER WIRE SIZE, NAVY WIRE SIZE, DIE INDEX NO. AND COLOR.

- FOR "U" (UNDRILLED) PARTS, USE D MIN = N MAX + Y MIN.
- SKIVE DETAIL PER D209 LINE 2.
- COLOR CODE INK STAMPING PER FC212677.
- HEIGHT "H" MUST NOT EXCEED 1.00 FOR THE 90° PARTS.

GENERAL NOTES:			LINEAR MEASURE: $\left[\frac{\text{IN}}{\text{mm}}\right], \text{IN} [\text{mm}]$			- MATERIAL -		HYLUG™ (8 AWG) (N23)						
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						INIT HARD:	INTERNAL SPEC. M4100	CAT NO: YAZ8C- (SEE TABLE)						
			- TOLERANCES - (UNLESS OTHERWISE SPECIFIED)			FINAL HARD:	SEE NOTE	SCALE: 1/1						
						FINISH:	ELECTRO-TIN PLATE			DRAWING NO		REV		
							PER INTERNAL SPEC.							
			NO. OF DECIMAL PLACES			mm	IN	SIZE, FORM & TOL.	TUBING (DC10581)	MKT APPVL: --		DRAWING NO		A
			ONE PLACE			±0.5				PROD FAM: --		FE211463		
TWO PLACE			±0.13	±.02	PROJECT #: --		SIZE							
THREE PLACE				±.005			DOCUMENT TYPE: Production		SHEET 2 of 19					
			ANGLES ±0°30'			REL LEVEL: AutoCAD								