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DESCRIPTION	MATERIAL	FINISH	
SHRINK TUBING	MIL-I-23053	_____	
RETAINING CLIP	BERYLIUM COPPER PER QQ-C-533	_____	
SOCKET CONTACT	BERYLIUM COPPER PER ASTM B196	GOLD PLATE MIL-G-45204	
HOUSING	EPIALL COLOR: BLACK	_____	
GROMMET	FLUROROSILICONE	_____	
DIODE (-1 & -2)	IN5199	_____	
DIODE (-3)	8 AMP	_____	

LDC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
DF	AO	B		REV PER OH14-0412-04	30AUG05	TK	CT

Technical drawing of a wire splice assembly. The side view shows a cylindrical housing with a grommet on the left and a diode symbol (triangle with a horizontal line) in the center. Dimensions include a total length of 3.100 MAX, a diameter of $\phi .401$ MAX, and specific features like .218 MAX and .225 MAX. Labels include 'GROMMET', 'HOUSING', and 'AMP, AMP PART NO. AND DATE CODE MARKED IN THIS AREA'. A triangle with the number 4 is used as a callout for a note.

- THIS ASSEMBLY MEETS OR EXCEEDS THE GENERAL REQUIREMENTS OF MIL-T-81714.
- PIN CONTACTS, & INSERTION/EXTRACTION TOOL TO BE ORDERED SEPARATELY.
 - PIN CONTACT: 2-592404-1
 - TOOL 592105-1
- ENVIRONMENTS CREATED DURING OPERATION WHICH EXCEEDS THE WIRE SPLICE RATED PERFORMANCE IS THE RESPONSIBILITY OF THE USER. THE DIODE SPECIFICATIONS SHOULD BE CONSULTED.

DIODE SYMBOL MARKED ON ALL DASH NUMBERS CIRCUIT POLARITY MARKING ON (-1) ONLY

	591846-3
	591846-2
	591846-1
REMARKS	PART NO.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	01OCT2002	Tyco Electronics Corporation	
DIMENSIONS: INCHES		CHK	C. C. THOMAS 10-02-02	Harrisburg, Pa 17105-3608	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	D. EABY 10-02-02	NAME	
0 PLC ± -		PRODUCT SPEC		WIRE SPLICE, SINGLE, SIZE 20, TJ	
1 PLC ± -		APPLICATION SPEC		SIZE	A2
2 PLC ± -		WEIGHT	-	CAGE CODE	C-591846
3 PLC ± -		CUSTOMER DRAWING		DRAWING NO	
4 PLC ± -		SCALE	4: 1	SHEET	1 OF 1
ANGLES ± -		RESTRICTED TO		REV	B
FINISH					
MATERIAL SEE TABLE					
FINISH SEE TABLE					

AMP 1471-9 REV 31MAR2000

591846

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