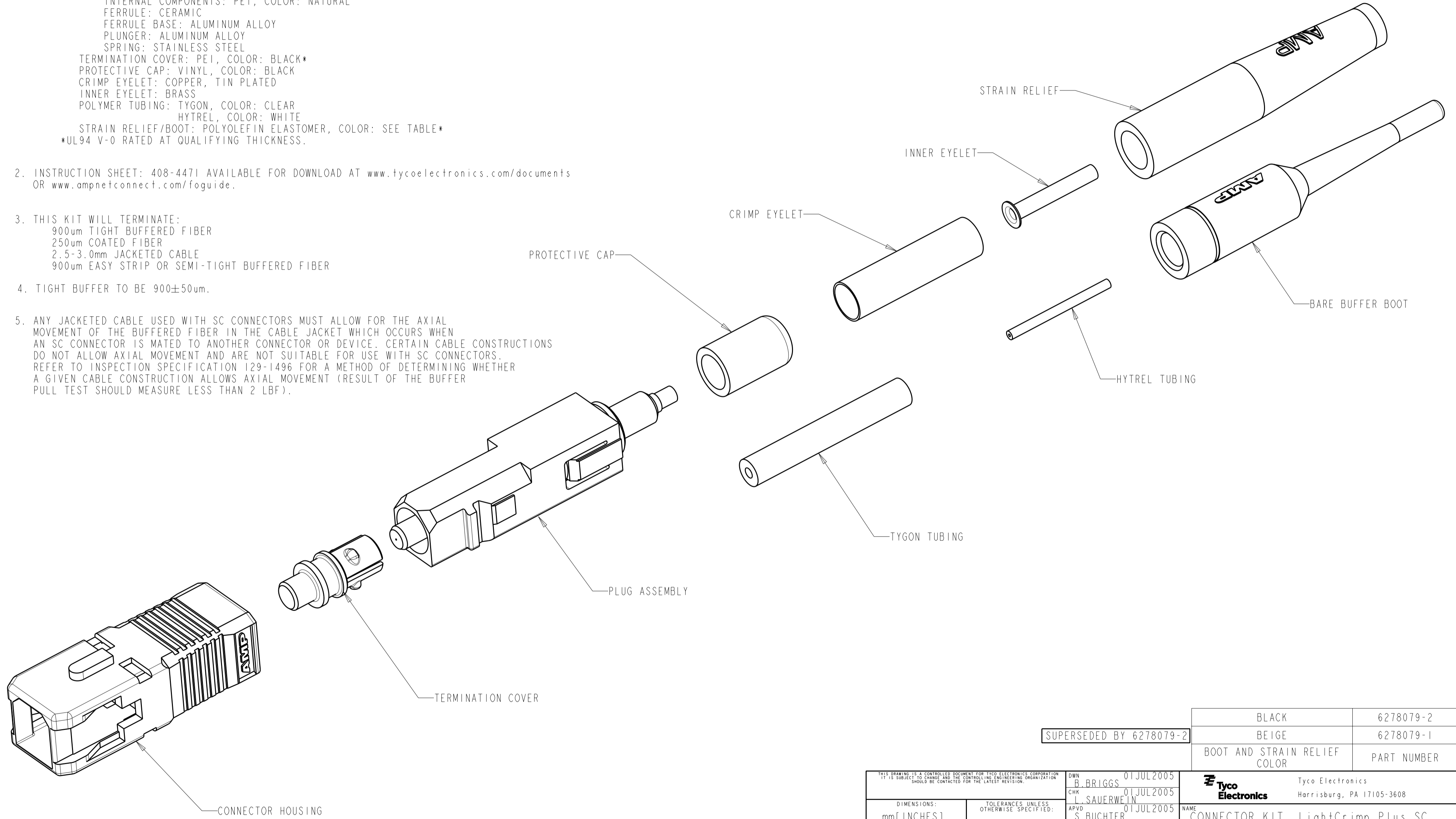


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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
CE	00				
	E	REV PER ECR-08-007620	15JAN2009	DDE	LS
	E1	ADD NOTE 2	12MAR2009	BB	SB
	F	REVISED PER ECR 10-005395	05APR2010	DLF	LS

**MATERIAL:**  
 CONNECTOR HOUSING: POLYESTER PBT, COLOR: BEIGE\*  
 PLUG ASSEMBLY:  
 PLUG BODY: PAS, COLOR: BEIGE\*  
 INTERNAL BODY: BRASS, NICKEL PLATED  
 INTERNAL COMPONENTS: PEI, COLOR: NATURAL  
 FERRULE: CERAMIC  
 FERRULE BASE: ALUMINUM ALLOY  
 PLUNGER: ALUMINUM ALLOY  
 SPRING: STAINLESS STEEL  
 TERMINATION COVER: PEI, COLOR: BLACK\*  
 PROTECTIVE CAP: VINYL, COLOR: BLACK  
 CRIMP EYELET: COPPER, TIN PLATED  
 INNER EYELET: BRASS  
 POLYMER TUBING: TYGON, COLOR: CLEAR  
 HYTREL, COLOR: WHITE  
 STRAIN RELIEF/BOOT: POLYOLEFIN ELASTOMER, COLOR: SEE TABLE\*  
 \*UL94 V-0 RATED AT QUALIFYING THICKNESS.

- INSTRUCTION SHEET: 408-4471 AVAILABLE FOR DOWNLOAD AT [www.tycoelectronics.com/documents](http://www.tycoelectronics.com/documents) OR [www.ampnetconnect.com/foguide](http://www.ampnetconnect.com/foguide).
- THIS KIT WILL TERMINATE:  
 900um TIGHT BUFFERED FIBER  
 250um COATED FIBER  
 2.5-3.0mm JACKETED CABLE  
 900um EASY STRIP OR SEMI-TIGHT BUFFERED FIBER
- TIGHT BUFFER TO BE 900±50um.
- ANY JACKETED CABLE USED WITH SC CONNECTORS MUST ALLOW FOR THE AXIAL MOVEMENT OF THE BUFFERED FIBER IN THE CABLE JACKET WHICH OCCURS WHEN AN SC CONNECTOR IS MATED TO ANOTHER CONNECTOR OR DEVICE. CERTAIN CABLE CONSTRUCTIONS DO NOT ALLOW AXIAL MOVEMENT AND ARE NOT SUITABLE FOR USE WITH SC CONNECTORS. REFER TO INSPECTION SPECIFICATION 129-1496 FOR A METHOD OF DETERMINING WHETHER A GIVEN CABLE CONSTRUCTION ALLOWS AXIAL MOVEMENT (RESULT OF THE BUFFER PULL TEST SHOULD MEASURE LESS THAN 2 LBF).



BLACK	6278079-2
BEIGE	6278079-1
BOOT AND STRAIN RELIEF COLOR	PART NUMBER

SUPERSEDED BY 6278079-2

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DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.1 2 PLC ±0.02 3 PLC ±0.005 4 PLC ±0.0005 ANGLES ± FINISH	DWN B. BRIGGS 01 JUL 2005 CHK L. SAUERWEIN 01 JUL 2005 APVD S. BUCHTER 01 JUL 2005	Tyco Electronics Harrisburg, PA 17105-3608
MATERIAL		PRODUCT SPEC APPLICATION SPEC	NAME CONNECTOR KIT, LightCrimp Plus SC 50/125um, MM
		WEIGHT	SIZE CAGE CODE DRAWING NO RESTRICTED TO A2 00779 C-6278079 -
		CUSTOMER DRAWING	SCALE 4:1 SHEET 1 OF 1 REV F

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