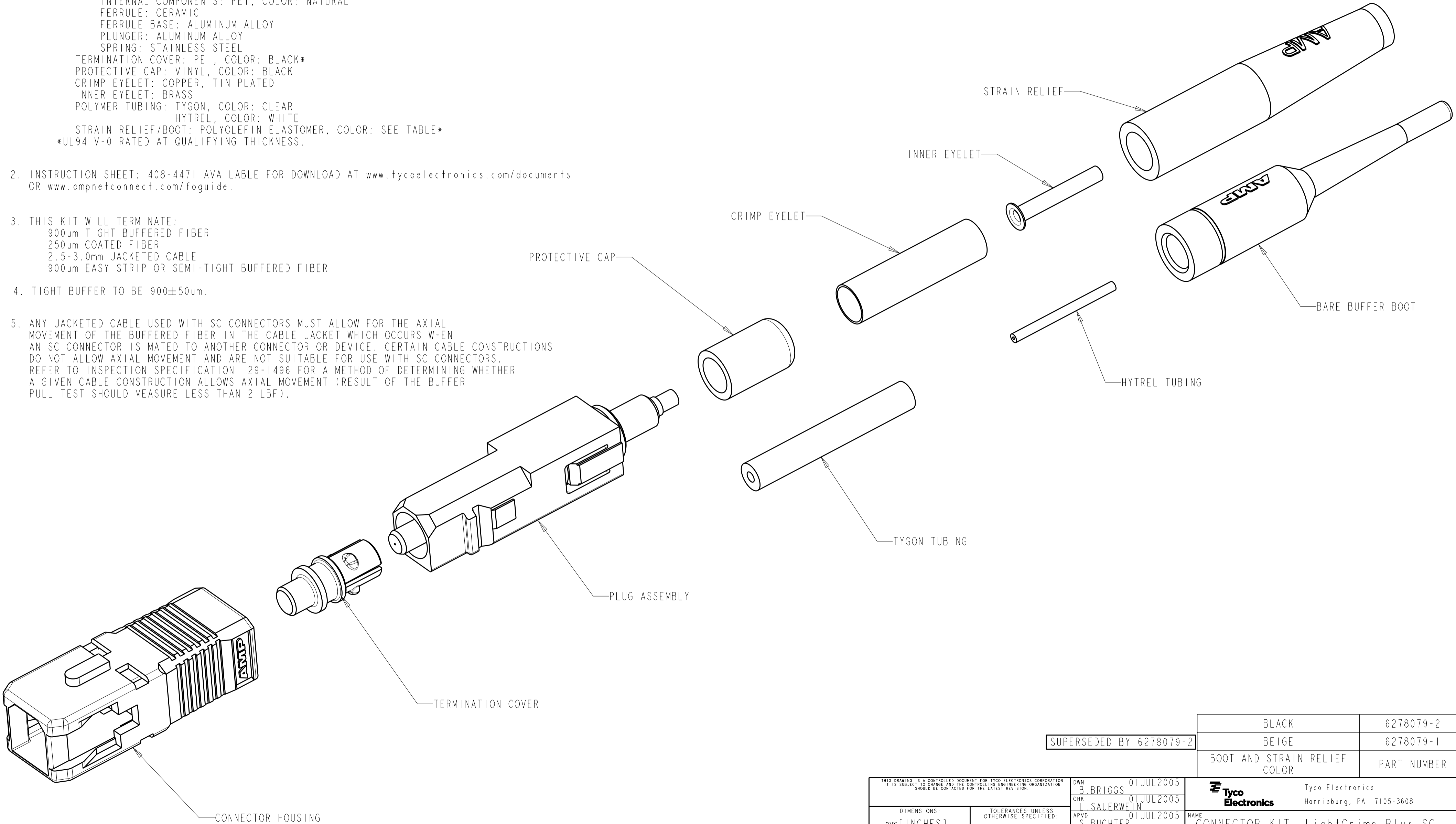


LOC	DIST	REVISIONS					
CE	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			E	REV PER ECR-08-007620	15JAN2009	DDE	LS
			EI	ADD NOTE 2	12MAR2009	BB	SB
			F	REVISED PER ECR 10-005395	05APR2010	DLF	LS

**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.

2. 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).
3. 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
4. TIGHT BUFFER TO BE 900±50um.
5. 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).



SUPERSEDED BY 6278079-2	BLACK	6278079-2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

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TYCO ELECTRONICS CORPORATION. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.		DWN B. BRIGGS 01JUL2005	<b>Tyco Electronics</b> Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm[INCHES]		CHK L. SAUERWEIN 01JUL2005		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.1 2 PLC ±0.02 3 PLC ±0.005 4 PLC ±0.0005 ANGLES ± FINISH		APVD S. BUCHTER 01JUL2005	NAME CONNECTOR KIT, LightCrimp Plus SC 50/125um, MM	
MATERIAL -		PRODUCT SPEC -	SIZE A2	CAGE CODE 00779
		APPLICATION SPEC -	DRAWING NO C-6278079	RESTRICTED TO -
		WEIGHT -	CUSTOMER DRAWING	
		SCALE 4:1		SHEET 1 OF 1
				REV F