

LOC	DIST	REVISIONS					
CE	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			G	REC PER ECR-08-007620	15JAN2009	DDE	LS
			G1	ADD NOTE 2	12MAR2009	BB	SB

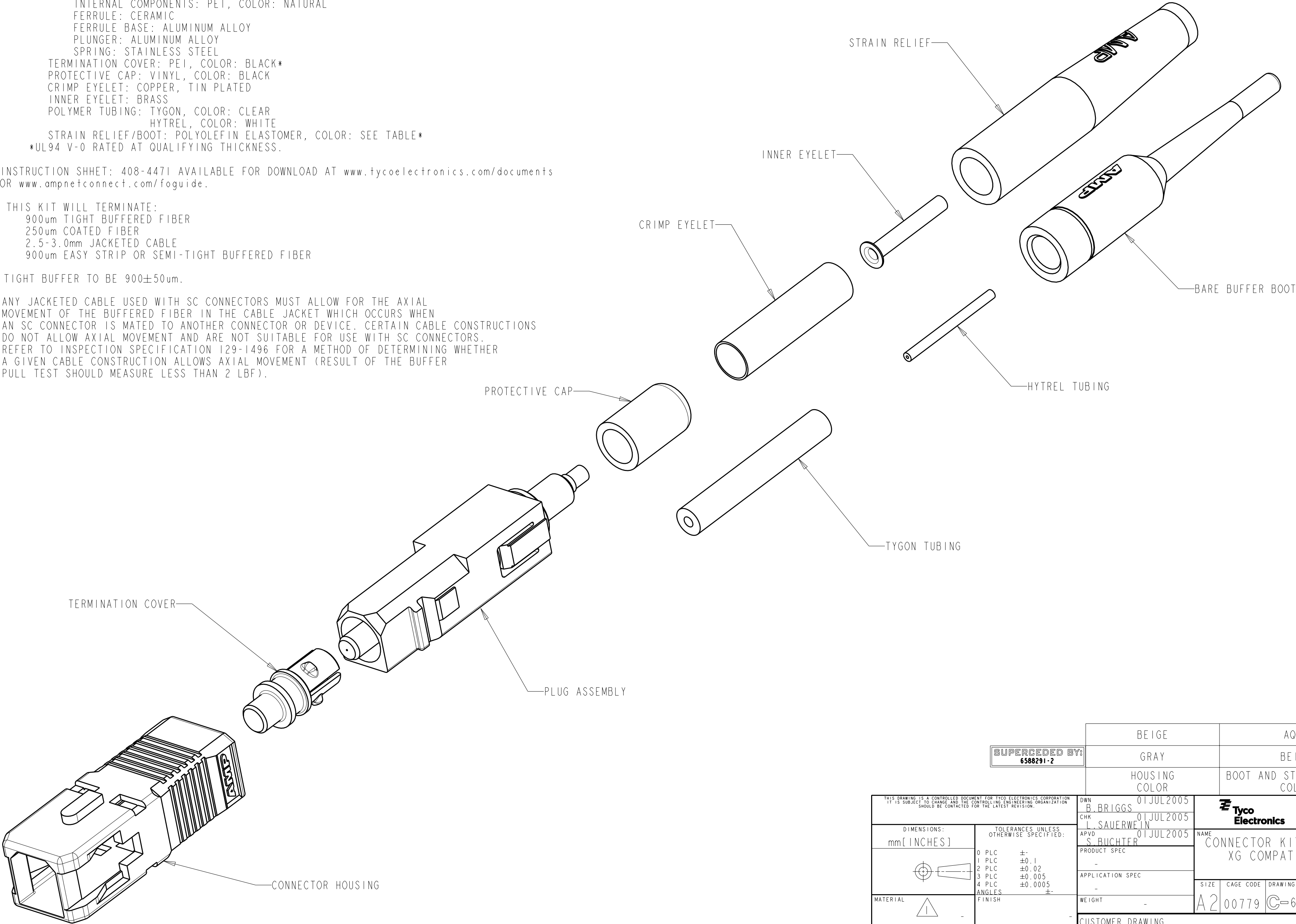
MATERIAL:
CONNECTOR HOUSING: POLYESTER PBT, COLOR: SEE TABLE*
PLUG ASSEMBLY:
 PLUG BODY: PAS, COLOR: BEIGE*
 INTERNAL BODY: BRASS, NICKEL PLATED
 INTERNAL COMPONENTS: PEI, COLOR: NATURAL
 FERRULE: CERAMIC
 FERRULE BASE: ALUMINUM ALLOY
 PLUNGER: ALUMINUM ALLOY
 SPRING: STAINLESS STEEL
TERMINATION COVER: 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 SHHET: 408-4471 AVAILABLE FOR DOWNLOAD AT www.tycoelectronics.com/documents
OR 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).



SUPERCEDED BY:
6588291-2

BEIGE	AQUA	6588291-2
GRAY	BEIGE	6588291-1
HOUSING COLOR	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	Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm [INCHES]		CHK L. SAUERWEIN 01JUL2005		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD S. BUCHTER 01JUL2005	NAME CONNECTOR KIT, LightCrimp Plus SC XG COMPATIBLE, 50/125um, MM	
0 PLC ± 1 PLC ±0.1 2 PLC ±0.02 3 PLC ±0.005 4 PLC ±0.0005 ANGLES ± FINISH		PRODUCT SPEC -	SIZE A2	CAGE CODE 00779
MATERIAL -		APPLICATION SPEC -	DRAWING NO C-6588291	RESTRICTED TO -
		WEIGHT -	SCALE 4:1	
		CUSTOMER DRAWING		SHEET 1
				OF 1
				REV G1