

REV	DATE	BY	APPV
A	08JUN2005	BB	LS
A1	12MAR2009	BB	SB

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

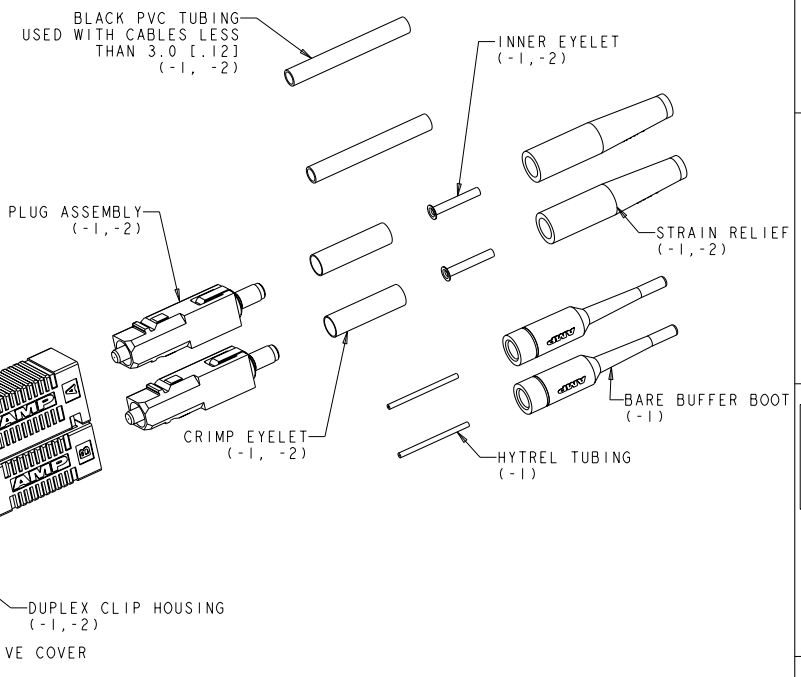
2. INSTRUCTION SHEET: 408-4066 AVAILABLE FOR DOWNLOAD AT www.tycoelectronics.com/documents OR www.ampnetconnect.com/foguide.

KIT 5503693-1 CONTAINS ALL PARTS SHOWN AND WILL TERMINATE:
 900um TIGHT BUFFERED FIBER
 250um COATED FIBER
 2.5-3.0mm JACKETED CABLE

THE BARE BUFFER BOOTS AND STRAIN RELIEFS ARE BEIGE. FOR 250um AND 900um APPLICATIONS TERMINATION MAY REQUIRE USE OF INSERTION TOOL, PART NUMBER 491042-1.

KIT 503693-2 DOES NOT CONTAIN BARE BUFFER BOOTS OR HYTREL TUBING. WILL TERMINATE 2.5-3.0mm JACKETED CABLE. CONTAINS ONE BEIGE AND ONE BLUE STRAIN RELIEF.

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).



125±2um	5503693-2
125±2um	5503693-1
FIBER SIZE	PART NUMBER

DIMENSIONS: mm (INCHES) TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±.1 1 PLC ±.1 2 PLC ±.131 (0.051) 3 PLC ±.1 4 PLC ±.1 ANGLES ±.1 FINISH -		OWN: B. BRIGGS 21JUN2005 CDR: L. SAUERWEIN 21JUN2005 APD: S. BUCHTER 21JUN2005 APPLICATION SPEC: - WEIGHT: - MATERIAL: -	Tyco Electronics Harrisburg, PA 17105-3608 NAME: KIT, CONNECTOR, AMP LightCrimp SC DUPLEX, MULTIMODE SIZE: A2 CASE CODE: 00779 DRAWING NO: 5503693 RESTRICTED TO: - CUSTOMER DRAWING SCALE: 5:2 SHEET: 1 OF 1 REV: A1
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