LOC	DIST			REVISIONS			
CE	00	P	LTR	DESCRIPTION	DATE	DWN	APVD
			A	RELEASE TO ACTIVE	08JUN2006	BB	LS
			A1	ADD NOTE 2	12MAR2009	BB	SB

60.7 [2.39] MAX

AMP A
AMP B

BLACK PVC TUBING
USED WITH CABLES LESS
THAN 3.0 [.12]
(-1, -2)

INNER EYELET
(-1,-2)

PLUG ASSEMBLY
(-1,-2)

STRAIN RELIEF
(-1,-2)
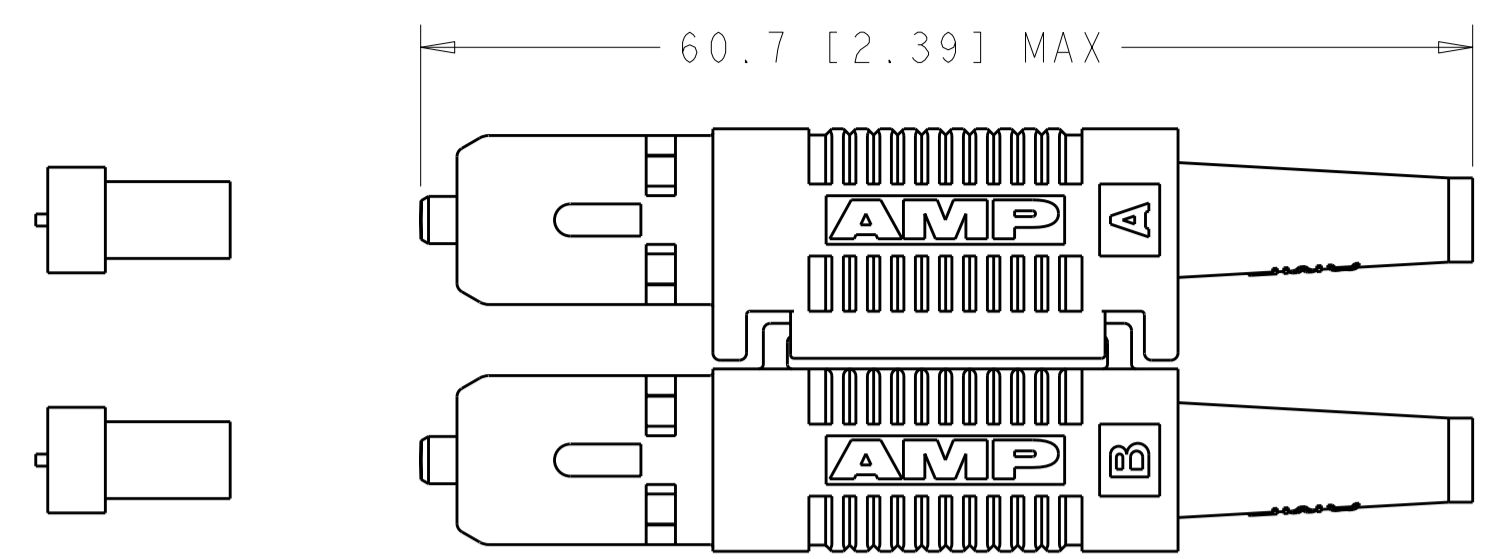
⚠1 MATERIAL:
    CONNECTOR HOUSING: POLYESTER PBT, COLOR: BEIGE
    PLUG ASSEMBLY:
       PLUG BODY: PAS, COLOR: BEIGE*
       INTERNAL BODY: BRASS, NICKEL PLATED
       INTERNAL COMPONENTS: RUBBER, COLOR: BLACK
    FERRULE: CERAMIC
    FERRULE BASE: ALUMINUM ALLOY
    PLUNGER: ALUMINUM ALLOY
    SPRING: 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*
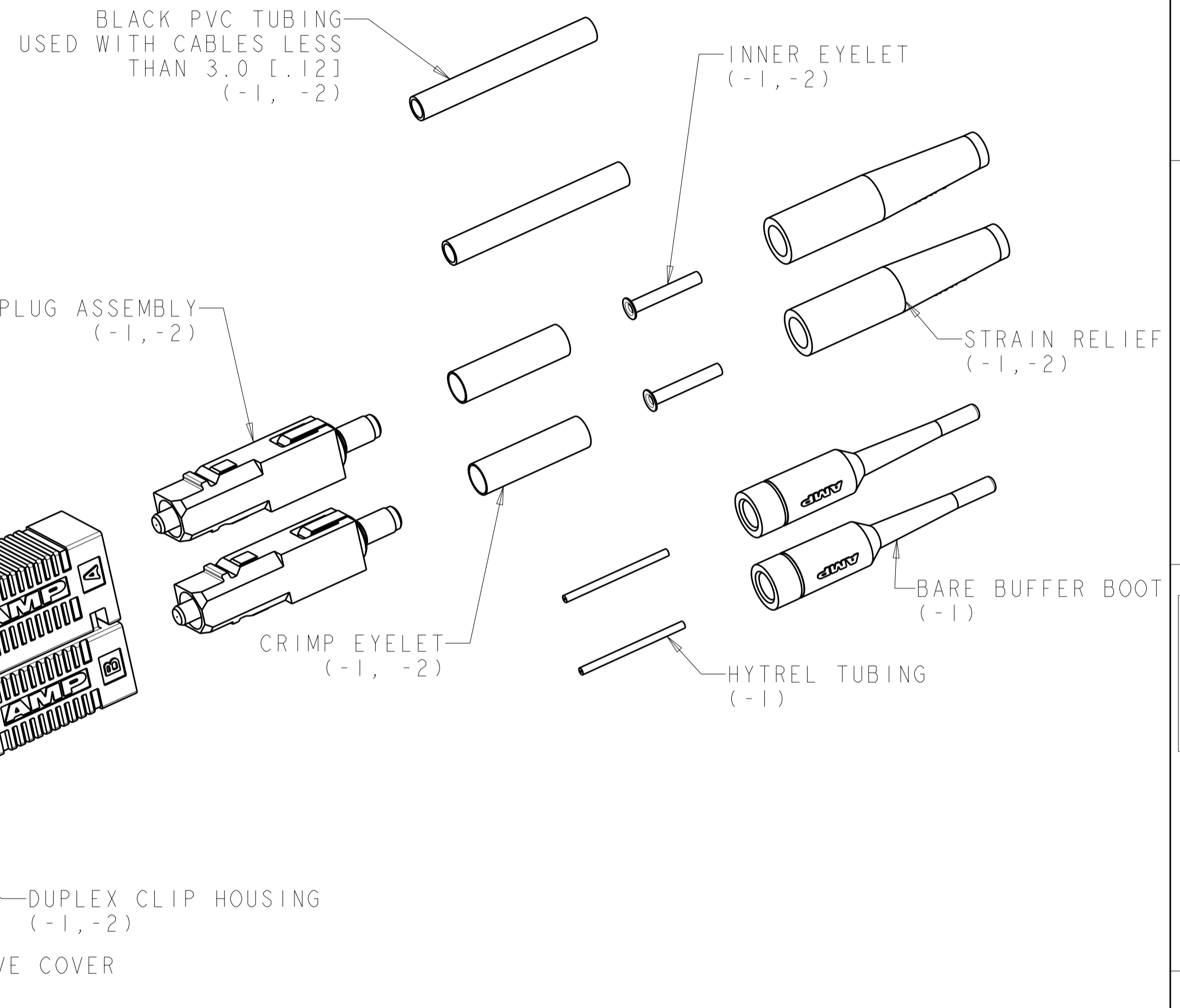   *UL94 V-0 RATED AT QUALIFYING THICKNESS.

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

⚠3 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.

⚠4 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).

CRIMP EYELET
(-1, -2)

BARE BUFFER BOOT
(-1)

HYTREL TUBING
(-1)

DUPLEX CLIP HOUSING
(-1,-2)

PROTECTIVE COVER
(-1,-2)

⚠4	125±2um	5503693-2
⚠3	125±2um	5503693-1
	FIBER SIZE	PART NUMBER

DWN	B.BRIGGS	21JUN2005
CHK	L.SAUERWEIN	21JUN2005
APVD	S.BUCHTER	21JUN2005

≡ Tyco Electronics
Tyco Electronics
Harrisburg, PA 17105-3608

DIMENSIONS:
mm[INCHES]

TOLERANCES UNLESS
OTHERWISE SPECIFIED:
0 PLC   ±-
1 PLC   ±-
2 PLC   ±0.13[.005]
3 PLC   ±-
4 PLC   ±-
ANGLES ±-

PRODUCT SPEC
-
APPLICATION SPEC
-
WEIGHT
-

NAME
KIT, CONNECTOR, AMP LightCrimp SC
DUPLEX; MULTIMODE
-

SIZE	CAGE CODE	DRAWING NO		RESTRICTED TO
A2	00779	C=5503693		-

MATERIAL
-

FINISH
-

CUSTOMER DRAWING

SCALE 5:2   SHEET 1 OF 1   REV A1