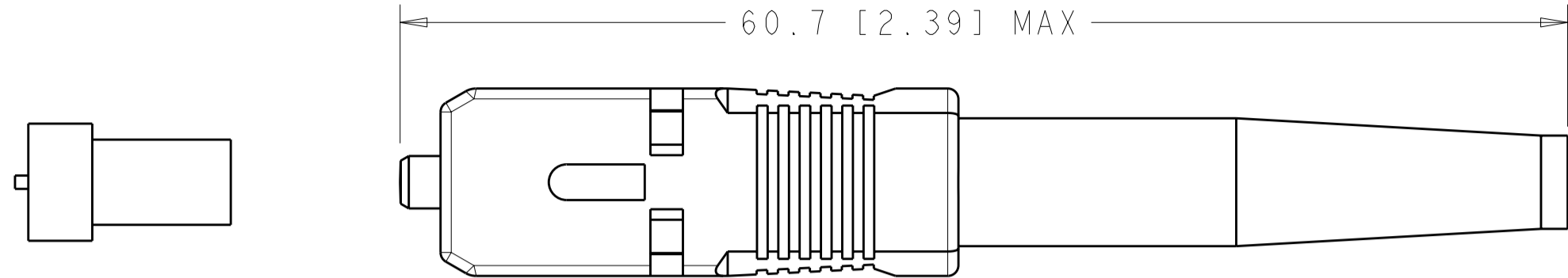


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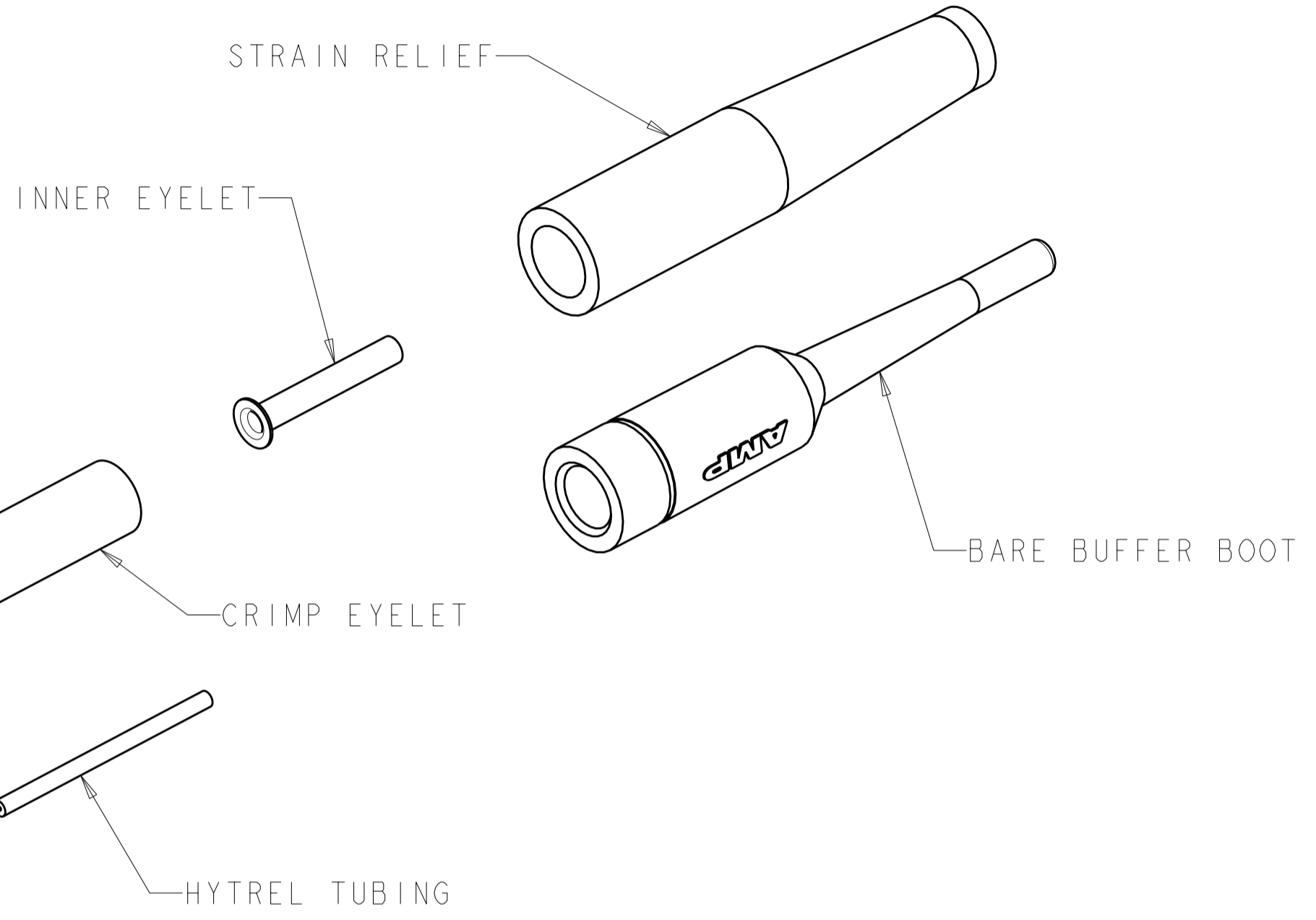
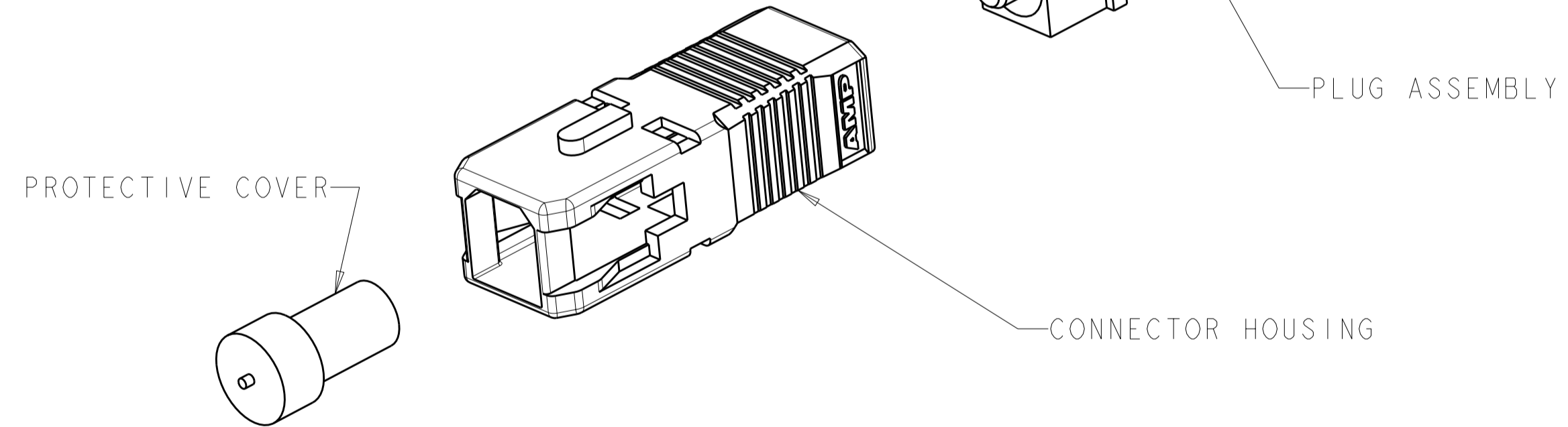
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
	A	RELEASE TO ACTIVE	08JUN2006	BB	LS		



**MATERIAL:**  
 CONNECTOR HOUSING: POLYESTER PBT, COLOR:BEIGE\*  
 PLUG ASSEMBLY:  
 PLUG BODY: PAS, COLOR:BEIGE\*  
 INTERNAL BODY: NICKEL PLATED BRASS  
 INTERNAL COMPONENTS: RUBBER, COLOR:BLACK  
 FERRULE: CERAMIC  
 FERRULE BASE: ALUMINUM ALLOY  
 PLUNGER: ALUMINUM ALLOY  
 PROTECTIVE COVER: LDPE, COLOR:BLACK  
 CRIMP EYELET: TIN PLATED COPPER  
 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.

BLACK PVC TUBING  
 USED WITH CABLES LESS  
 THAN 3.0[.12]

2. KIT 5503692-1 WILL TERMINATE:  
 900um TIGHT BUFFERED FIBER  
 250um COATED FIBER  
 2.5-3.0mm JACKETED CABLE



3. FOR 250um OR 900um APPLICATIONS, TERMINATION MAY REQUIRE USE OF INSERTION TOOL, P/N 491042-1.

4. 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	5503692-1
FIBER SIZE	PART NUMBER

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DIMENSIONS: mm [INCHES]		CHK L. SAUERWEIN 06FEB2006	NAME KIT, CONNECTOR, AMP LightCrimp SC SIMPLEX, MULTIMODE	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ±0.13[.005] 3 PLC ± 4 PLC ± ANGLES ±° FINISH		APVD S. BUCHTER 06FEB2006	RESTRICTED TO	
MATERIAL		PRODUCT SPEC	SIZE A200779	CAGE CODE C-5503692
CUSTOMER DRAWING		APPLICATION SPEC	SCALE 7:2	SHEET 1 OF 1
		WEIGHT	REV A	