



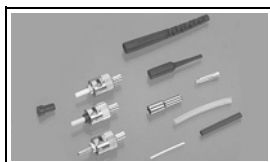
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5504001-1 Product Details

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5504001-1

TE Internal Number: 5504001-1

Active

ST Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

Product Highlights:

- Connector
- Fiber Optic Connector Type = LIGHTCRIMP Simplex
- Epoxyless
- Not Pre-Polished
- Multimode

[View all Features](#)

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Documentation & Additional Information

Product Drawings:

- [CONNECTOR KIT, XTC, 125um, CERAMIC, MULTIMODE](#) (PDF, English)

Catalog Pages/Data Sheets:

- [TE Connectivity Enterprise Networks Product Catalog](#) (PDF, English)
- [Enterprise Networks EMEA Product Catalog](#) (PDF, English)

Product Specifications:

- None Available

Application Specifications:

- None Available

Instruction Sheets:

- [LightCrimp XTC/NeXTC Fiber Optic Connector Kits](#) (PDF, English)

CAD Files:

- None Available

Related Products:

- [Tooling](#)

[List all Documents](#)

Product Features (Please use the Product Drawing for all design activity)

Product Type Features:

- [Product Type](#) = Connector
- Fiber Optic Connector Type = LIGHTCRIMP Simplex
- [Coupling Nut Material](#) = Zinc
- Sleeve Style = Stepped
- Sleeve Material = Copper
- Sleeve Finish = Nickel

Electrical Characteristics:

- Insertion Loss (dB) = 0.40

Termination Features:

- Fiber Type (Micron) = 125

Dimensions:

- [Cable Diameter \(Max.\)](#) (mm [in]) = 3.00 [0.118]

Body Features:

- [Epoxyless](#) = Yes
- [Pre-Polished](#) = No
- [Ferrule Hole Size](#) (µm) = 125
- [Boot Type](#) = Long
- Boot Color = Black
- [Body Material](#) = Aluminum
- [Ferrule Material](#) = Ceramic
- Boot Material = Thermoplastic Elastomer
- Body Plating = Nickel

Contact Features:

- Tubing Material = Polymer

Configuration Features:

- [Mode](#) = Multimode

Industry Standards:

- [RoHS/ELV Compliance](#) = RoHS compliant, ELV compliant
- [Lead Free Solder Processes](#) = Not relevant for lead free process
- RoHS/ELV Compliance History = Always was RoHS compliant

Packaging Features:

- Packaging Method = Individual Kit
- Packaging Quantity = 200

Product Availability:

- Region = Asia, EMEA, North America, Latin America, Australia/New Zealand

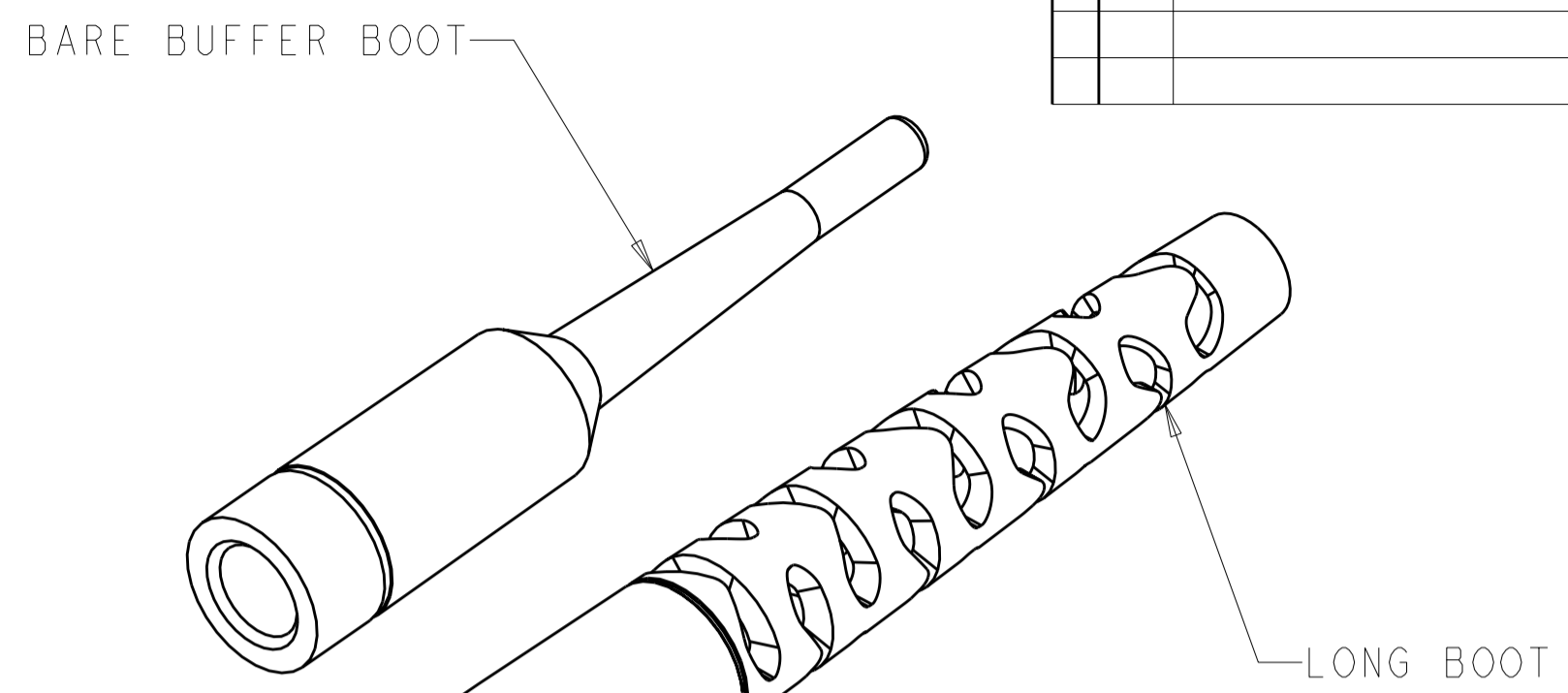
Other:

- Brand = AMP

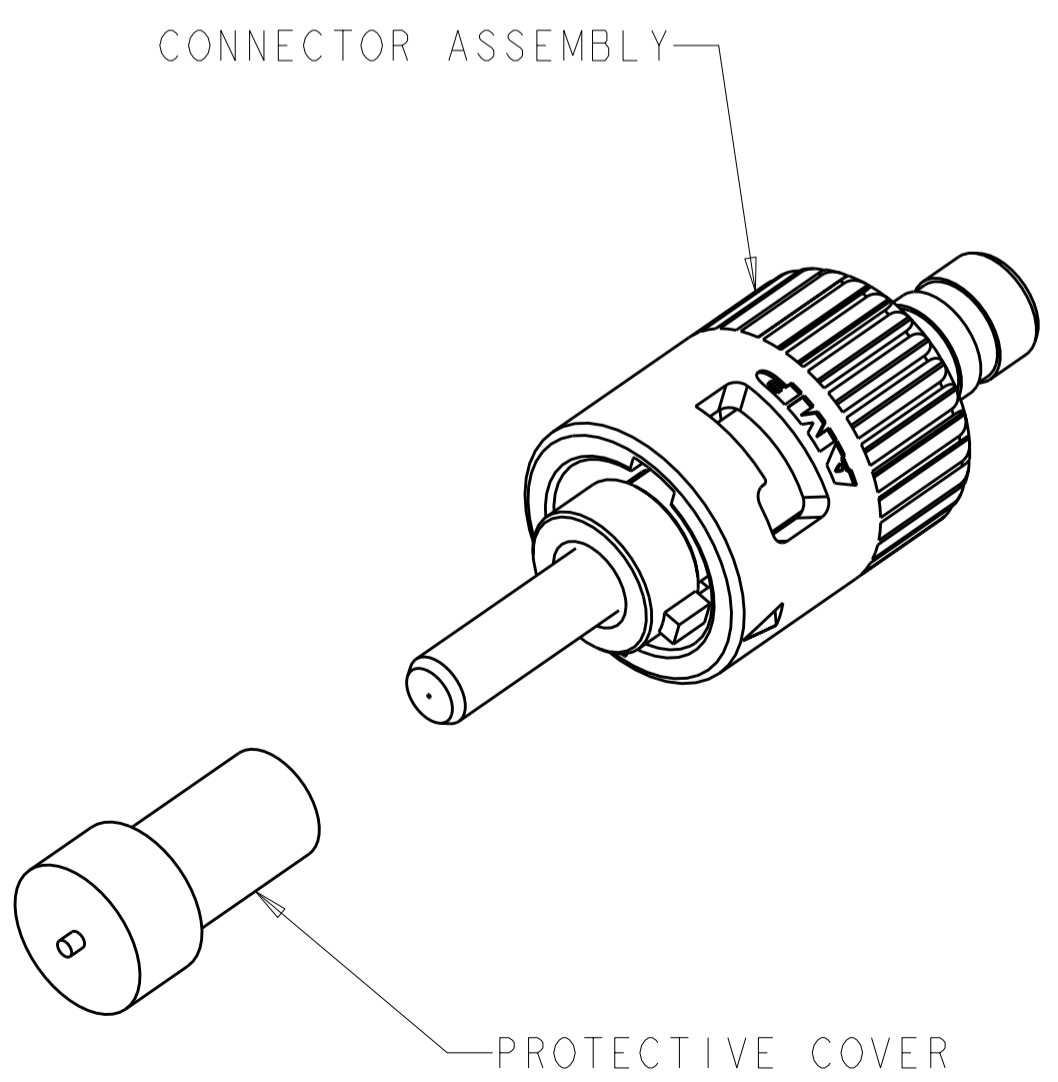
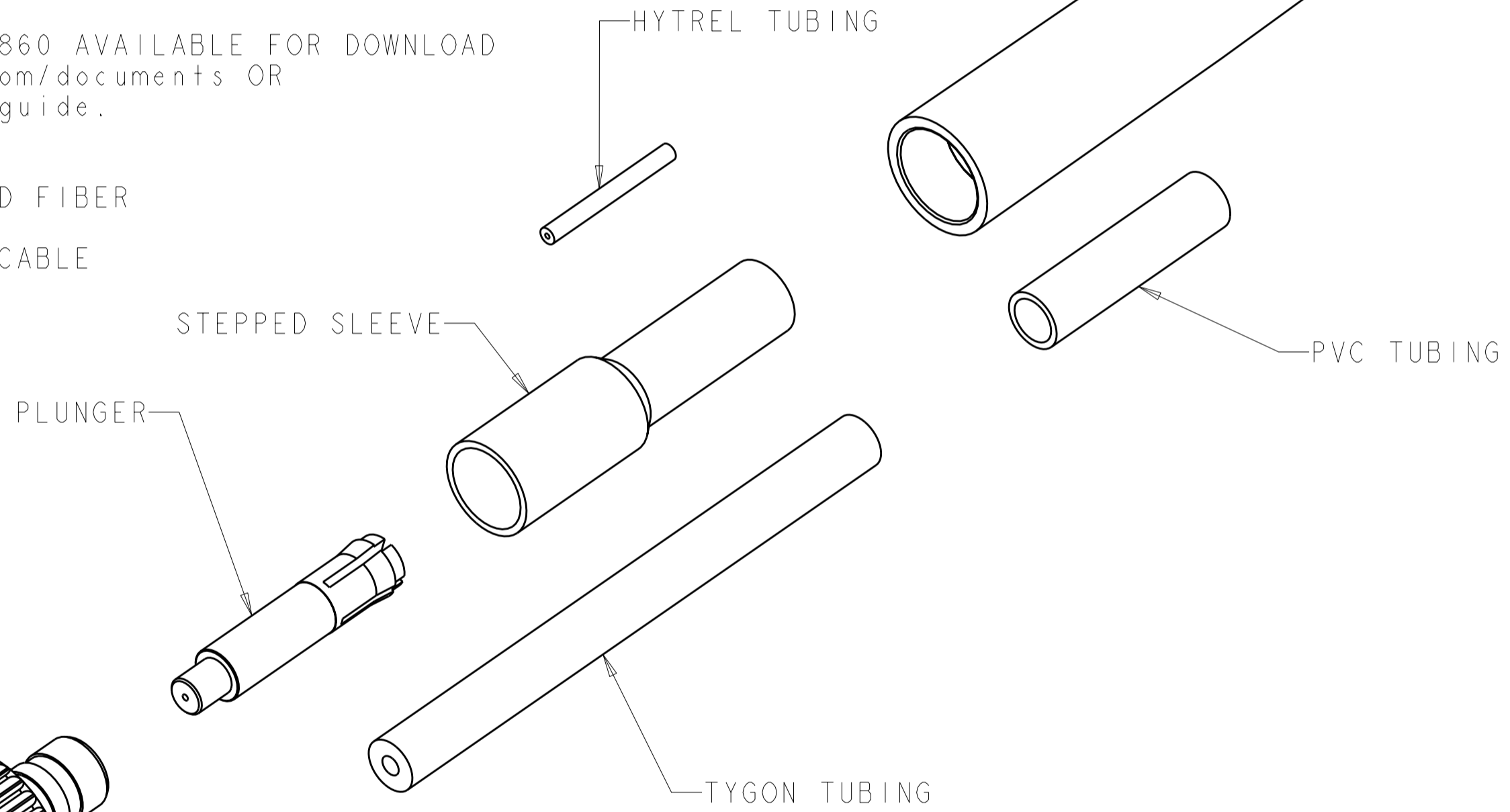
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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
	A	RELEASE TO ACTIVE	08JUN2006	BB	LS		
	AI	ADD NOTE 2	13MAR2009	BB	SB		

⚠ MATERIAL:
 CONNECTOR ASSY
 REAR BODY: ALUMINUM ALLOY
 PLUNGER: ALUMINUM ALLOY
 FERRULE: CERAMIC
 COUPLING NUT: ZINC, NICKEL PLATED
 INTERNAL COMPONENTS: RUBBER, COLOR: BLACK
 SPRING: STAINLESS STEEL
 PROTECTIVE COVER: LDPE, COLOR: BLACK, NON-FR
 CRIMP EYELET: COPPER, NICKEL PLATED
 POLYMER TUBING: TYGON, COLOR: CLEAR
 HYTREL, COLOR: WHITE
 PVC, COLOR: BLACK
 STRAIN RELIEF: POLYOLEFIN ELASTOMER, COLOR: BLACK, NON-FR
 BOOT: POLYOLEFIN ELASTOMER, COLOR: BLACK*
 *UL94 V-0 RATED AT QUALIFYING THICKNESS.



- INSTRUCTION SHEET: 408-9860 AVAILABLE FOR DOWNLOAD AT www.tycoelectronics.com/documents OR www.ampnetconnect.com/foguide.
- THIS KIT WILL TERMINATE:
 900um TIGHT BUFFERED FIBER
 250um COATED FIBER
 2.0-3.0mm JACKETED CABLE



125um	250um/0.8-1.0mm	5504001-1
FIBER SIZE	BUFFER SIZE	PART NUMBER

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DIMENSIONS: mm		CHK L. SAUERWEIN 20 JUN 2005	NAME CONNECTOR KIT, XTC, 125um, CERAMIC, MULTIMODE	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH		APVD S. BUCHTER 20 JUN 2005	RESTRICTED TO	
MATERIAL		PRODUCT SPEC	SIZE A200779	CAGE CODE C-5504001
⚠		APPLICATION SPEC	DRAWING NO 5504001	
		WEIGHT	SCALE 4:1	
		CUSTOMER DRAWING	SHEET 1 OF 1 REV A1	