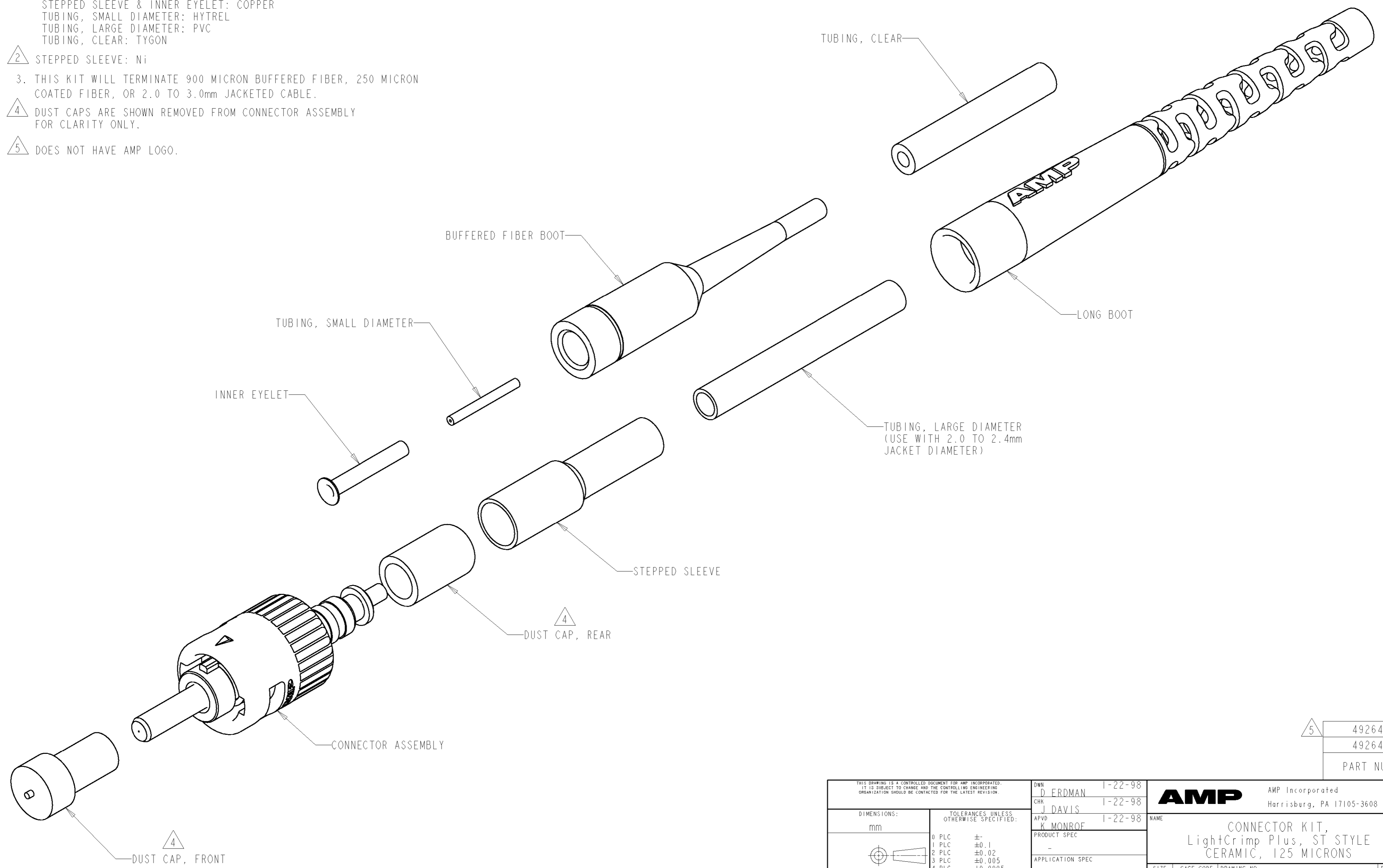


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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
CE	16	D	REVISED PER 0A00-0465-02	10JUL2002	TA BE

- 1 CONNECTOR ASSY: BODY AL, FERRULE CERAMIC
 BOOTS: THERMOPLASTIC ELASTOMER
 STEPPED SLEEVE & INNER EYELET: COPPER
 TUBING, SMALL DIAMETER: HYTREL
 TUBING, LARGE DIAMETER: PVC
 TUBING, CLEAR: TYGON
- 2 STEPPED SLEEVE: NI
- 3. THIS KIT WILL TERMINATE 900 MICRON BUFFERED FIBER, 250 MICRON COATED FIBER, OR 2.0 TO 3.0mm JACKETED CABLE.
- 4 DUST CAPS ARE SHOWN REMOVED FROM CONNECTOR ASSEMBLY FOR CLARITY ONLY.
- 5 DOES NOT HAVE AMP LOGO.



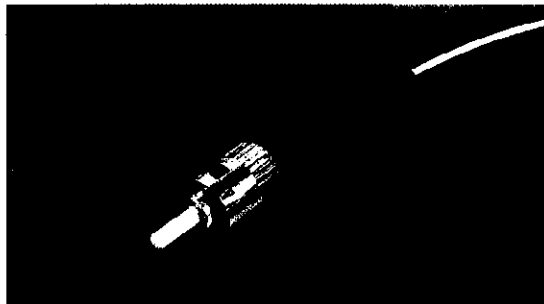
5	492642-2
	492642-1
PART NUMBER	

<small>THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.</small>		DWN D. ERDMAN 1-22-98 CHK J. DAVIS 1-22-98 APVD K. MONROE 1-22-98	AMP AMP Incorporated Harrisburg, PA 17105-3608
DIMENSIONS: mm 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±0.1 2 PLC ±0.02 3 PLC ±0.005 4 PLC ±0.0005 ANGLES ± FINISH	NAME PRODUCT SPEC APPLICATION SPEC WEIGHT	CONNECTOR KIT, LightCrimp Plus, ST STYLE CERAMIC, 125 MICRONS
MATERIAL 1	2	SIZE A2 CAGE CODE 00779 DRAWING NO. C-492642 RESTRICTED TO -	SCALE 4:1 SHEET 1 OF 1 REV D
CUSTOMER DRAWING			

LightCrimp Plus Fiber Optic Connector Kits

Product Facts

- Easiest and quickest fiber termination available
- No polishing needed-strip cleave and crimp
- No curing
- Complies with TIA/EIA performance requirements
- LightCrimp Plus meets TIA/EIA, IEC, CECC AND EN specifications and operates in temperatures ranging from -10°C to +60°C



LightCrimp Plus Connectors

Style	Fiber Type	Ferrule	Part No.
ST-Style suitable for 62.5/125µm fiber	multimode	ceramic	492642-1
ST-Style suitable for 50/125µm fiber	multimode	ceramic	1279082-1
Simplex SC suitable for 62.5/125µm fiber	multimode	ceramic	492643-1
Simplex SC suitable for 50/125µm fiber	multimode	ceramic	1279079-1
Duplex SC suitable for 62.5/125µm fiber	multimode	ceramic	1279009-1
Duplex SC suitable for 50/125µm fiber	multimode	ceramic	1279080-1

LightCrimp ST-Style and SC Connectors

Product Facts

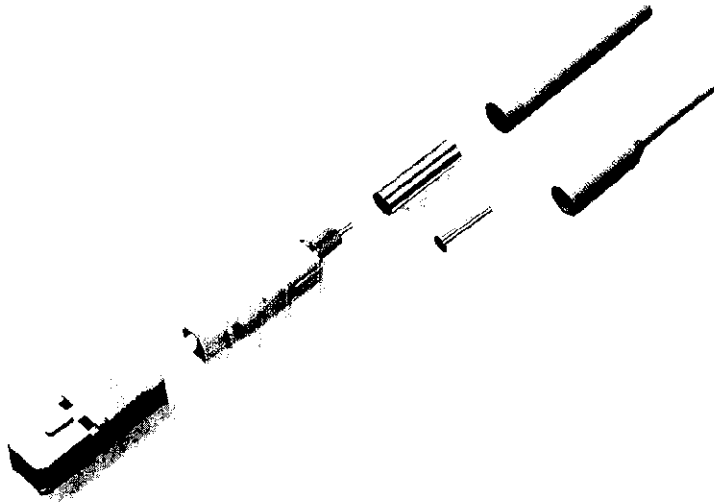
- Singlemode or multimode ST-Style
- Just crimp it on the fiber
- No epoxy
- 2 minute termination
- Innovative crimp design
- Compliant with TIA/EIA-568A
- No epoxy or adhesives
- Shorter assembly time
- Reduced polishing time
- Lower installed cost
- Secure, repeatable matings
- No need for curing oven or power supply
- Consistent performance over a wide range of temperatures

LightCrimp Epoxyless Connectors

Style	Fiber Type	Ferrule	Part Number
ST-Style	Multimode	Polymer	492168-1
ST-Style	Multimode	Ceramic	504001-1
ST-Style	Singlemode	Ceramic	504000-1
SC Simplex	Multimode	Ceramic	503692-1
SC Duplex	Multimode	Ceramic	503693-3

LightCrimp Plus Connectors

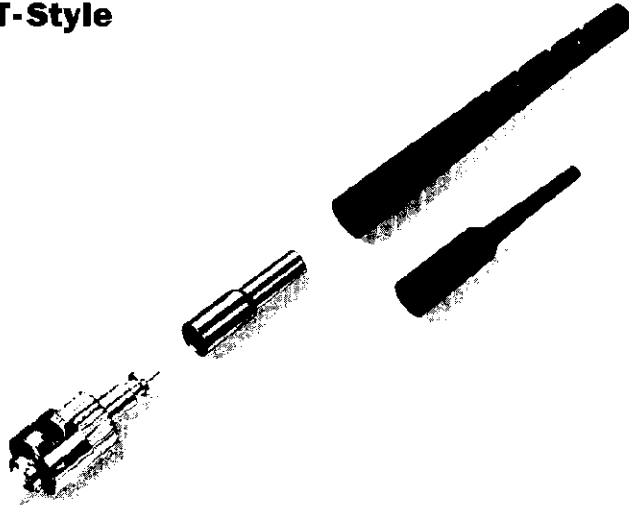
SC



Product Facts

- No epoxy, no polish
- Cleave, crimp, and connect, no polishing or epoxy required
- Ceramic ferrule
- Compliant with TIA/EIA, IEC, CECC and EN standards
- Operates in temperatures ranging from -10°C to +60°C
- Termination tool kits on page 178
- Each connector comes with accessories needed to terminate to 900µm, 250µm Bare Buffer and 3mm cables

ST-Style



Description		Part Number
Simplex SC	Multimode 50/125µm	1278079-1
Simplex SC	Multimode 62.5/125µm	492643-1
Duplex SC	Multimode 50/125µm	1278080-1
Duplex SC	Multimode 62.5/125µm	1278009-1
ST-Style	Multimode 50/125µm	1278082-1
ST-Style	Multimode 62.5/125µm	492642-1

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General Info Sales Info Assembly Subcontractors	Pricing Product Availability	

Photos & Line Drawings - The photographs and/or line drawings are representative images of a product for viewing purposes only.

[Product Photo](#)

Searchable Features:	
Brand:	AMP
Product Type:	Connector
Fiber Size (Micron):	62.5/125
Mode:	Multimode
Cable Diameter (Max.) (mm [in]):	3.00 [0.118]
Hole Size (µm):	128
Boot Type:	Long
Epoxyless:	Yes
Pre-Polished:	Yes
Operating Temperature (°C):	-10 – +60

Other Properties:	
Termination Type:	LightCrimp Plus
Boot Material:	Thermoplastic Elastomer
Insertion Loss (dB):	0.20
Sleeve Style:	Stepped
Sleeve Material:	Copper
Sleeve Finish:	Nickel
AMP Logo:	With

Body Material:	Aluminum
Ferrule Material:	Ceramic
Packaging Method:	Individual Kit
NETCONNECT Select System:	Yes

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