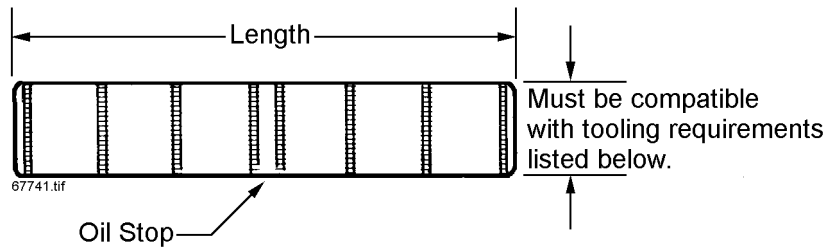


MATERIAL STANDARD

CONNECTORS, ALUMINUM COMPRESSION



Aluminum Compression Connectors of the configuration shown are intended for use aluminum and copper conductors in underground construction, and shall meet the applicable requirements of ANSI C119.4, Standard for Aluminum Connectors for Aluminum/Copper Conductors. Tin plating of connectors is required.

Inhibitor. Each connector shall be factory-filled with a measured amount of oxide-inhibiting compound that will not affect the dielectric strength or power factor of cables insulated with butyl, cross-linked polyethylene, or ethylene-propylene rubber.

Marking. Each connector shall have durable markings showing conductor size, die number, number of crimps, and manufacturer's name or trademark, and catalog number of the connector.

Packaging. The connector ends shall be sealed to prevent leakage or contamination of the inhibitor. Each connector shall be individually packaged in a sealed plastic bag.

Reference Specification: ANSI C119.4, latest revision.

Tooling and Die Requirements

Stock Number	Connector Size	EEI	Burndy Y-35	T&B 12-Ton #13642	T&B TBM-15 (UT-15)
650609	350 kcmil	13A	U-31 ART U-299	96H	96H (CA 96H)
650611	500 kcmil	15A	U-34 ART U-300	115H	115H (CA 115H)
650613	750 kcmil	—	P-39 ART U-301	125H	125H (CA 125H)

Stock Number	Conductor AWG/kcmil	Length, Inches	Approved Manufacturers			
			Burndy	Homac	MAC	Richards
650609	350	6-3/4 ± 1/4	YS31AY-TN	AC-350-TN	MULC 350-TN	ALC 15-TN
650611	500	7-3/4 ± 1/4	YS34AY-TN	AC-500-TN	MULC 500-TN	ALC 18-TN
650613	750	9 ± 1	YS39AY-TN	AC-750-TN	MULC 750-TN	ALC 23-TN

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