

MATERIAL STANDARD

CONNECTOR, PRESSURE TAP, COPPER



figure 1

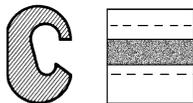


figure 2

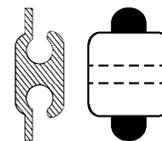


figure 3

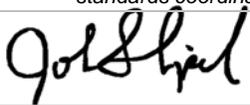
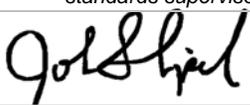
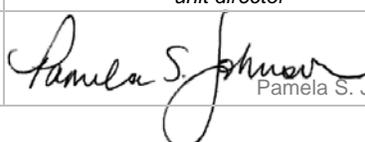
1. **Scope:** This standard specifies the requirements for copper pressure tap connectors.
2. **Application:** Pressure tap connectors are used to make a variety of overhead and underground connections.
3. **Industry Standards:**
ANSI C119.4: American National Standard for Electric Connectors – Connectors for Use between Aluminum-to-Aluminum or Aluminum-to-Copper Bare Overhead Conductors
4. **Requirements:** Connectors shall meet the tool and die requirements listed below.

Stock Number	Figure	Conductor Sizes		Tool and Die		Thomas & Betts (Elastimold) Color Code
		Run Size	Tap Size	MD-6	Y35 & 39	
677323	1	#4	#4	BG (2) W-BG (1)	U-BG (1)	Purple
677325	2	#2	#4	W-C (2)	U-C (1)	White
677326	1	#2	#2	W-C (2)	U-C (1)	White
677329	1	1/0 to 2/0	1/0 to 2/0	–	U-O (3), U-E (1)	–
677330	3	2/0 to 4/0	#4	–	D, D3 (1), DAD	–
677331	3	2/0 to 4/0	#2 to 1/0	–	D, D3 (1), DAD	–
677332	3	2/0 to 4/0	2/0 to 4/0	–	D, D3 (1), DAD	–
677333	1	250 to 350	#1 to 3/0	–	T&B 12-15 Ton #106	Black 106H (2)
677336	1	250 to 300	#6 to 2/0	–	T&B 12-15 Ton #99	Pink 99H (2)

5. **Issuance**
Stock Unit: EA

6. **Approved Manufacturers:**

Stock Number	Blackburn	Burndy	Homac	Kearney	Penn Union	Thomas & Betts (Elastimold)	Utilco
677323	–	YC4C4	CC44	–	–	–	ULT-5
677325	–	YC2C4	CC24	–	–	–	ULT-6
677326	–	YC2C2	CC22	–	–	–	ULT-7
677329	–	YC26C26	–	–	–	–	–
677330	CF402-1	–	–	309-82	–	–	–
677331	CF 4010-1	–	–	308-82	CDT-308-8	–	–
677332	CF 4040-1	–	–	307-82	CDT-307-8	–	–
677333	–	–	–	–	–	54770	–
677336	–	–	–	–	–	54765	–

<i>standards coordinator</i>	<i>standards supervisor</i>	<i>unit director</i>
 John Shipek	 John Shipek	 Pamela S. Johnson