

## 70/370 SERIES CONNECTORS: QPL'D TO MIL-C-49142

### MIL-C-49142 Qualified Products List...

Trompeter has always been a leader in twinax connector design and development. This time we've designed a new style connector to meet the requirements of MIL-C-49142, Category G. Trompeter is the only manufacturer to be qualified to category G. What is category G? Category G is the section of the Mil-Spec that requires tool crimping of the TRB (70) series connectors. We are also qualified to category A which is for wrench crimp TRB connectors.

The following is the latest list from Defense Electronic Supply Center (DESC) of qualified Trompeter Electronic's parts. Keep this list handy and make as many copies as needed. Ordering QPL'd parts must be ordered by the *Mil-number*. Many of Trompeter's 70 Series concentric twinax connectors are QPL'd to MIL-C-49142. QPL'd versions are silver plated and can be ordered using *Government Designation part numbers listed*. Corresponding standard nickel plated connectors can be ordered using the standard part numbers.

MIL-NUMBER	TROMPETER NUMBER
M49142/03-0001	PL75-7
M49142/03-0002	PL75-7
M49142/03-0005	305-0042-1
M49142/03-0007	PL75-9
M49142/03-0008	PL75-47
M49142/03-0009	PL75-60
M49142/03-0011	305-0811-1
M49142/03-0016	PL75MC213
M49142/03-0017	PL75MC-201
M49142/03-0101	PL75Y-7
M49142/03-0102	PL75Y-7
M49142/03-0105	305-0042Y-1
M49142/03-0107	PL75Y-9
M49142/03-0108	PL75Y-47
M49142/03-0109	PL75Y-60
M49142/03-0111	305-0811Y-1
M49142/03-0116	PL75MCY-213
M49142/03-0117	PL75MCY-201
M49142/03-0201	PL75S-7
M49142/03-0202	PL75S-7
M49142/03-0205	305-0042S-1
M49142/03-0207	PL75S-9
M49142/03-0208	PL75S-47
M49142/03-0209	PL75S-60
M49142/03-0211	305-0811S-1
M49142/03-0216	PL75MCS-213
M49142/03-0217	PL75MCS-201
M49142/04-0004	BJ76
M49142/04-0104	BJ76Y
M49142/04-0204	BJ76S
M49142/05-0001	BJ79-7
M49142/05-0002	BJ79-7
M49142/05-0006	305-0042-7
M49142/05-0007	BJ79-9
M49142/05-0008	BJ79-47
M49142/05-0009	BJ79-60
M49142/05-0011	305-0811-3
M49142/05-0016	BJ79MC-213
M49142/05-0017	BJ79MC-201
M49142/05-0101	BJ79Y-7
M49142/05-0102	BJ79Y-7
M49142/05-0106	305-0042Y-7
M49142/05-0107	BJ79Y-9
M49142/05-0108	BJ79Y-47
M49142/05-0109	BJ79Y-60
M49142/05-0111	305-0811Y-3
M49142/05-0116	BJ79MCY-213
M49142/05-0117	BJ79MCY-201
M49142/05-0201	BJ79S-7
M49142/05-0202	BJ79S-7
M49142/05-0206	305-0042S-7
M49142/05-0207	BJ79S-9
M49142/05-0208	BJ79S-47
M49142/05-0209	BJ79S-60
M49142/05-0211	305-0811S-3
M49142/05-0216	BJ79MCS-213
M49142/05-0217	BJ79MCS-201

MIL-NUMBER	TROMPETER NUMBER
M49142/06-0001	CJ70-7
M49142/06-0002	CJ70-7
M49142/06-0006	305-0042-4
M49142/06-0007	CJ70-47
M49142/06-0008	CJ70-9
M49142/06-0009	CJ70-60
M49142/06-0011	305-0811-2
M49142/06-0016	CJ70MC-213
M49142/06-0017	CJ70MC-201
M49142/06-0101	CJ70Y-7
M49142/06-0102	CJ70Y-7
M49142/06-0106	305-0042Y-4
M49142/06-0107	CJ70Y-47
M49142/06-0108	CJ70Y-9
M49142/06-0109	CJ70Y-60
M49142/06-0111	305-0811Y-2
M49142/06-0116	CJ70MCY-213
M49142/06-0117	CJ70MCY-201
M49142/06-0201	CJ70S-7
M49142/06-0202	CJ70S-7
M49142/06-0206	305-0042S-4
M49142/06-0207	CJ70S-47
M49142/06-0208	CJ70S-9
M49142/06-0209	CJ70S-60
M49142/06-0211	305-0811S-2
M49142/06-0216	CJ70MCS-213
M49142/06-0217	CJ70MCS-201
M49142/08-0001	PL375-7
M49142/08-0002	PL375-7
M49142/08-0005	305-0042-9
M49142/08-0006	PL375-47
M49142/08-0008	PL375-60
M49142/08-0010	305-0811-5
M49142/08-0011	305-0486-1
M49142/08-0016	PL375MC-213
M49142/08-0017	PL375MC-201
M49142/09-0001	BJ379-7
M49142/09-0002	BJ379-7
M49142/09-0006	BJ379-47
M49142/09-0007	305-0042-11
M49142/09-0009	BJ379-60
M49142/09-0011	305-0811-7
M49142/09-0012	305-0486-3
M49142/09-0016	BJ379MC-213
M49142/09-0017	BJ379MC-201
M49142/10-0001	BJ376
M49142/11-0001	CJ370-7
M49142/11-0002	CJ370-7
M49142/11-0006	CJ370-47
M49142/11-0007	305-0042-12
M49142/11-0009	CJ370-60
M49142/11-0011	305-0811-6
M49142/11-0012	305-0486-2
M49142/11-0016	CJ370MC-213
M49142/11-0017	CJ370MC-201

# MINIATURE PLUGS & JACKS 70/370 SERIES, TRB/TRT

PL75MC-202 Shown

**CABLE PLUG TOOL CRIMP**  
3-lug **PL75MC-**⚠

*For polarizations, call factory*

PL74C-202 Shown

**CABLE PLUG TOOL CRIMP**  
2-lug **PL74C-**⚠  
3-lug **PL75C-**⚠  
4-lug **PL75CFL-**⚠  
Threaded **PL375C-**⚠

\* Length depends on Cable Group.

PL74-9 Shown

**CABLE PLUG WRENCH CRIMP**  
2-lug **PL74-**⚠  
3-lug **PL75-**⚠  
4-lug **PL75FL-**⚠  
Threaded **PL375-**⚠

PL73C-202 Shown

**CABLE PLUG TOOL CRIMP, PUSH-ON**  
**PL73C-**⚠

PL73-9 Shown

**CABLE PLUG WRENCH CRIMP, PUSH-ON**  
**PL73-**⚠

*Order Large Body version for cables with jacket dia. greater than .323".*

CJ70-9 Shown

**CABLE JACK WRENCH CRIMP**  
3-lug **CJ70-**⚠  
2-lug **CJ70TL-**⚠  
4-lug **CJ70FL-**⚠  
Threaded **CJ370-**⚠

PLR74C-201 Shown

**RIGHT ANGLE CABLE PLUG TOOL CRIMP**  
2-lug **PLR74C-**⚠  
3-lug **PLR75C-**⚠  
4-lug **PLR75CFL-**⚠  
Threaded **PLR375C-**⚠

*For cable groups 201-223 only. Contact the factory for other cables.*

CJ70C-202 Shown

**CABLE JACK TOOL CRIMP**  
3-lug **CJ70C-**⚠  
2-lug **CJ70CTL-**⚠  
4-lug **CJ70CFL-**⚠  
Threaded **CJ370C-**⚠

**RIGHT ANGLE TRB ADAPTER**  
3-lug **ADRMF70**  
2-lug **ADRMF70TL**  
Threaded **ADRMF370**  
4-lug **ADRMF70FL**

**TRB MALE TO FEMALE**

**TRB COUPLING ADAPTER (BARREL CONNECTOR)**  
3-lug **AD78**  
2-lug **AD78TL**  
4-lug **AD78FL**  
Threaded **AD378**

⚠ - Refers to the cable group table on pages 68-88.

# MINIATURE BULKHEAD JACKS 70/370 SERIES, TRB/TRT

*BJ377 Shown*

**BULKHEAD JACK**  
FRONT MOUNT, SOLDER POT

- 3-lug **BJ770**
- Ground tab **BJ770GL**
- 2-lug **BJ77TL**
- 4-lug **BJ77FL**
- Threaded **BJ377**

Mounting Hole: D4.125

(Hermetically sealed version available, pg.13)

*BJ79C Shown*

**BULKHEAD CABLE JACK**  
TOOL CRIMP

- 3-lug **BJ79C-△**
- 2-lug **BJ79CTL-△**
- 4-lug **BJ79CFL-△**
- Threaded **BJ379C-△**

Mounting Hole: D3.109

For polarizations, contact the factory.

*BJ378 Shown*

**FEED-THRU BULKHEAD JACK** Threaded

- 3-lug **BJ78**
- 2-lug **BJ78TL**
- 4-lug **BJ78FL**
- Threaded **BJ378**

Mounting Hole: D3.187

(Hermetically sealed version available, pg.13)

*BJ379-7 Shown*

**BULKHEAD CABLE JACK**  
WRENCH CRIMP

- 3-lug **BJ79-△**
- 2-lug **BJ79TL-△**
- 4-lug **BJ79FL-△**
- Threaded **BJ379-△**

Mounting Hole: D3.160

*BJ76 Shown*

**BULKHEAD JACK**  
REAR MOUNT, SOLDER POT

- 3-lug **BJ76**
- 2-lug **BJ76TL**
- 4-lug **BJ76FL**
- Threaded **BJ376\***

Mounting Holes: D3.240 w/o solder lug/D3.208 w/ solder lug  
(\* Hermetically sealed version avail. pg.13)

*BJ75 Shown*

**INSULATED BULKHEAD JACK**  
REAR MOUNT, SOLDER POT

- 3-lug **BJ75**
- 2-lug **BJ75TL**
- 4-lug **BJ75FL**
- Threaded **BJ375**

Mounting Hole: D2.140

*BJ74-9 Shown*

**INSULATED BULKHEAD CABLE JACK**  
WRENCH CRIMP

- 3-lug **BJ74-△**
- 2-lug **BJ74TL-△**
- 4-lug **BJ74FL-△**
- Threaded **BJ374-△**

Mounting Hole: D2.140

*BJ74C-202 Shown*

**INSULATED BULKHEAD CABLE JACK**  
TOOL CRIMP

- 3-lug **BJ74C-△**
- 2-lug **BJ74CTL-△**
- 4-lug **BJ74CFL-△**
- Threaded **BJ374C-△**

Mounting Hole: D2.140

*BJ73 Shown*

**INSULATED FEED-THRU JACK**

- 3-lug **BJ73**
- 2-lug **BJ73TL**
- 4-lug **BJ73FL**
- Threaded **BJ373**

Mounting Hole: D2.140

*BJ72 Shown*

**INSULATED BULKHEAD JACK**  
FRONT MOUNT

- 3-lug **BJ72**
- 2-lug **BJ72TL**
- 4-lug **BJ72FL**
- Threaded **BJ372**

Mounting Hole: D2.140

△ - See cable group table on pages 68-88. "D" mounting holes see page 45. For polarizations, contact the factory.

# MINIATURE CIRCUIT BOARD JACKS 70/370 SERIES

**CIRCUIT BOARD JACK**

3-lug  
2-lug  
4-lug  
Threaded

**CBJ70  
CBJ70TL  
CBJ70FL  
CBJ370**

**CIRCUIT BOARD BULKHEAD JACKS**

3-lug  
2-lug  
4-lug  
Threaded

**CBBJ79  
CBBJ79TL  
CBBJ79FL  
CBBJ379**

Insulated version 3-lug **CBBJ74**  
Mounting Hole: D3.109 (D2.109 Insulated)

MODEL NO.	LTR CODE	A DIM	B DIM	C DIM	D DIM
CBJR70	-	.24	.050	.090	.0625
CBJR70A	A	.34	.058	.090	.070

**RIGHT ANGLE CIRCUIT BOARD JACK**

**CBJR70  
CBJR70A**

MODEL NO.	LTR CODE	A DIM	B DIM	C DIM	D DIM
CBBJR79	-	.24	.565	.050	.090
CBBJR79A	A	.34	.665	.058	.090

**RIGHT ANGLE CIRCUIT BOARD BULKHEAD JACK**

Standard Version

3-lug  
2-lug  
4-lug  
Threaded

**CBBJR79  
CBBJR79TL  
CBBJR79FL  
CBBJR379**

Add "A" for tall versions  
example: **CBBJR79A**  
See diagram above

Mounting Hole: D3.125

\* 305-0789

MODEL NO.	LTR CODE	A DIM	B DIM	C DIM	D DIM	E DIM
CBBJR74	-	.345	.778	.050	.0625	
CBBJR74A	A	.445	.878	.058	.070	

**RIGHT ANGLE CIRCUIT BOARD BULKHEAD JACK**

Insulated Version

3-lug  
2-lug  
4-lug  
Threaded

**CBBJR74  
CBBJR74TL  
CBBJR74FL  
CBBJR374**

Add "A" for tall versions  
example: **CBBJR74A**

Mounting Hole: D2.140

\* FOR MODEL # 305-0789 DIA = .0410

"D" mounting holes see page 45.