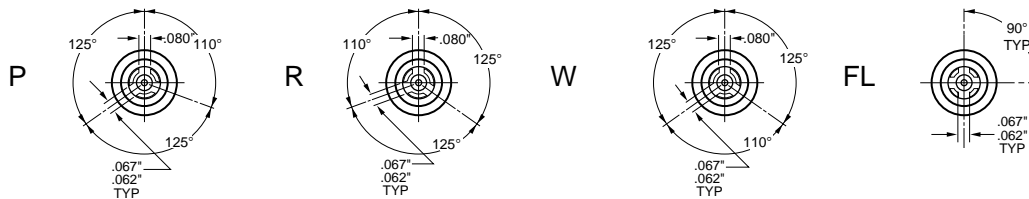


# CONCENTRIC TWINAX 450 SERIES

## Concentric Twinax 450 Series

### 3-lug & 4-lug Keyings



The 450 Series was designed for airborne digital data bus applications utilizing the MIL-STD-1553B data bus. The 450 Series will fit most twinax cables.

Refer to page 20 for photo of intermediate contacts.

Connectors are available in five different coupling configurations which include 3-lug versions with three (3) separate keyings, a 4-lug, and a threaded version with safety wire holes.

Diagrams shown above are for plugs.

BULKHEAD JACK REAR MOUNT, SOLDER POT		COUPLING TYPE	KEY CODE	INTERMEDIATE CONTACT PIN	SOCKET
<p>Mounting Holes: DD8.130 DD8.125 (Threaded)</p>	3-lug	P	BJ450PP	BJ450PS	
	3-lug	R	BJ450RP	BJ450RS	
	3-lug	W	BJ450WP	BJ450WS	
	4-lug	FL	BJ450FLP	BJ450FLS	
	Threaded	-	BJ3450P	BJ3450S	

BULKHEAD JACK FRONT MOUNT, SOLDER POT		COUPLING TYPE	KEY CODE	INTERMEDIATE CONTACT PIN	SOCKET
<p>Mounting Holes: DD8.250 DD8.125 (Threaded)</p>	3-lug	P	BJ457PP	BJ457PS	
	3-lug	R	BJ457RP	BJ457RS	
	3-lug	W	BJ457WP	BJ457WS	
	4-lug	FL	BJ457FLP	BJ457FLS	
	Threaded	-	BJ3457P	BJ3457S	

RIGHT ANGLE CABLE PLUG ALL CRIMP		COUPLING TYPE	KEY CODE	INTERMEDIATE CONTACT PIN	SOCKET
	3-lug	P	PLR455ACPP- $\triangle$	PLR455ACPS- $\triangle$	
	3-lug	R	PLR455ACRP- $\triangle$	PLR455ACRS- $\triangle$	
	3-lug	W	PLR455ACWP- $\triangle$	PLR455ACWS- $\triangle$	
	4-lug	FL	PLR455ACFLP- $\triangle$	PLR455ACFLS- $\triangle$	
	Threaded	-	PLR3455ACP- $\triangle$	PLR3455ACS- $\triangle$	

RFI JACK CAPS & BULKHEAD JACK TERMINATIONS FOR USE WITH 450 SERIES PLUGS REAR MOUNT		TERMINATIONS		
COUPLING TYPE	RFI CAPS	INTERMEDIATE CONTACT PIN	SOCKET	
3-lug	RFI457- $\triangle$	TBJ451P- $\triangle$ -R	TBJ451S- $\triangle$ -R	
3-lug	RFI457- $\triangle$	TBJ451P- $\triangle$ -R	TBJ451S- $\triangle$ -R	
3-lug	RFI457- $\triangle$	TBJ451P- $\triangle$ -R	TBJ451S- $\triangle$ -R	
4-lug	RFI457FL- $\triangle$	TBJ451FLP- $\triangle$ -R	TBJ451FLS- $\triangle$ -R	
Threaded	RFI3457- $\triangle$	TBJ3451P- $\triangle$ -R	TBJ3451S- $\triangle$ -R	

$\triangle$  - Refers to Cable Group Table see pages 91-133. "D" mounting holes see page 54  $\triangle$  - For Chain options, see page 45.

# CONCENTRIC TWINAX 450 SERIES

## 450 Series

### Intermediate Contact Assemblies

PIN/SOCKET

PS450AC-



SOCKET/PIN

SP450AC-



The 450 Series includes cable jacks and plugs with interchangeable contact assemblies. The contact and body assemblies may be ordered separately (see the facing page). Cable connectors accept cables with a maximum outer diameter of .180" and conductors to .025".

Contact the factory for exact specifications. For Trompeter connectors which meet outgassing requirements, contact our technical support staff for more information. Compatible with Raychem DK-621 Series.

Refer to page 19 for Keyings.

BULKHEAD CABLE JACK REAR MOUNT, ALL CRIMP	COUPLING TYPE	KEY CODE	BODY ASSEMBLY ONLY	ASSEMBLY INTERMEDIATE CONTACT	
				PIN	SOCKET
<p>BJ459ACFL-202 Mounting Holes: DD8.156, DD8.125 (Threaded)</p>	3-lug	P	BJ459ACP-	BJ459ACPP-	BJ459ACPS-
	3-lug	R	BJ459ACR-	BJ459ACRP-	BJ459ACRS-
	3-lug	W	BJ459ACW-	BJ459ACWP-	BJ459ACWS-
	4-lug	FL	BJ459ACFL-	BJ459ACFLP-	BJ459ACFLS-
	Threaded	-	BJ3459AC-	BJ3459ACP-	BJ3459ACS-

CABLE JACK ALL CRIMP	COUPLING TYPE	KEY CODE	BODY ASSEMBLY ONLY	ASSEMBLY INTERMEDIATE CONTACT	
				PIN	SOCKET
<p>CJ450ACFLP-202</p>	3-lug	P	CJ450ACP-	CJ450ACPP-	CJ450ACPS-
	3-lug	R	CJ450ACR-	CJ450ACRP-	CJ450ACRS-
	3-lug	W	CJ450ACW-	CJ450ACWP-	CJ450ACWS-
	4-lug	FL	CJ450ACFL-	CJ450ACFLP-	CJ450ACFLS-
	Threaded	-	CJ3450AC-	CJ3450ACP-	CJ3450ACS-

CABLE PLUG ALL CRIMP	COUPLING TYPE	KEY CODE	BODY ASSEMBLY ONLY	ASSEMBLY INTERMEDIATE CONTACT	
				PIN	SOCKET
<p>PL455ACR-221</p>	3-lug	P	PL455ACP-	PL455ACPP-	PL455ACPS-
	3-lug	R	PL455ACR-	PL455ACRP-	PL455ACRS-
	3-lug	W	PL455ACW-	PL455ACWP-	PL455ACWS-
	4-lug	FL	PL455ACFL-	PL455ACFLP-	PL455ACFLS-
	Threaded	-	PL3455AC-	PL3455ACP-	PL3455ACS-

RFI PLUG CAPS & TERMINATIONS PLUGS FOR USE WITH 450 SERIES JACKS		TERMINATIONS INTERMEDIATE CONTACT	
COUPLING TYPE	RFI CAPS	PIN TO MATE WITH SOCKETS	SOCKETS TO MATE WITH PINS
3-lug	RFI455-	TNG451P- -R	TNG451S- -R
3-lug	RFI455-	TNG451P- -R	TNG451S- -R
3-lug	RFI455-	TNG451P- -R	TNG451S- -R
4-lug	RFI455FL-	TNG451FLP- -R	TNG451FLS- -R
Threaded	RFI3455-	TNG3451P- -R	TNG3451S- -R

- Refers to Cable Group Table see pages 91-133. "D" mounting holes see page 54 - Chain options see page 45