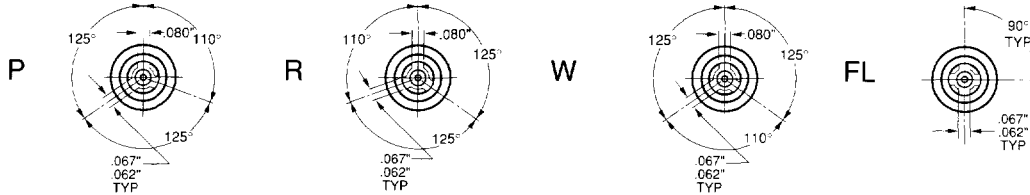


CONCENTRIC TWINAX 450 SERIES

Concentric Twinax 450 Series...

3-lug & 4-lug Keyings



The 450 Series of twinaxial concentric connectors were 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, & a threaded version with safety wire holes. Diagrams shown above are for plugs.

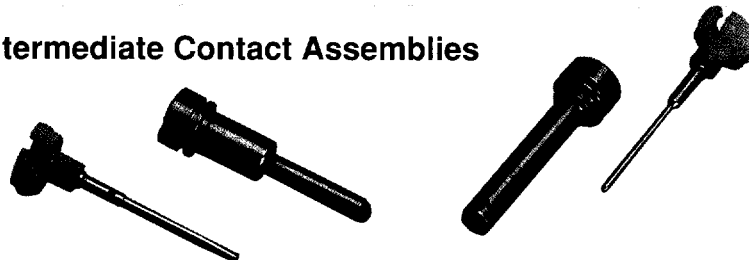
<p>BULKHEAD JACK REAR MOUNT, SOLDER POT</p> <p>Mounting Holes: DD8.130 DD8.125 (Threaded)</p>	<p>COUPLING TYPE</p> <p>3-lug 3-lug 3-lug 4-lug Threaded</p>	<p>KEY CODE</p> <p>P R W FL -</p>	<p>INTERMEDIATE CONTACT PIN</p> <p>BJ450PP BJ450RP BJ450WP BJ450FLP BJ3450P</p>	<p>SOCKET</p> <p>BJ450PS BJ450RS BJ450WS BJ450FLS BJ3450S</p>																																			
<p>BULKHEAD JACK FRONT MOUNT, SOLDER POT</p> <p>Mounting Holes: DD8.250 DD8.125 (Threaded)</p> <p>BJ457FLP-1 SHOWN</p>	<p>COUPLING TYPE</p> <p>3-lug 3-lug 3-lug 4-lug Threaded</p>	<p>KEY CODE</p> <p>P R W FL -</p>	<p>INTERMEDIATE CONTACT PIN</p> <p>BJ457PP BJ457RP BJ457WP BJ457FLP BJ3457P</p>	<p>SOCKET</p> <p>BJ457PS BJ457RS BJ457WS BJ457FLS BJ3457S</p>																																			
<p>RIGHT ANGLE CABLE PLUG ALL CRIMP</p> <p>PLR455ACPP-201</p>	<p>COUPLING TYPE</p> <p>3-lug 3-lug 3-lug 4-lug Threaded</p>	<p>KEY CODE</p> <p>P R W FL -</p>	<p>INTERMEDIATE CONTACT PIN</p> <p>PLR455ACPP-\triangle PLR455ACRP-\triangle PLR455ACWP-\triangle PLR455ACFLP-\triangle PLR3455ACP-\triangle</p>	<p>SOCKET</p> <p>PLR455ACPS-\triangle PLR455ACRS-\triangle PLR455ACWS-\triangle PLR455ACFLS-\triangle PLR3455ACS-\triangle</p>																																			
<p>RFI JACK CAPS & BULKHEAD JACK TERMINATIONS FOR USE WITH 450 SERIES PLUGS</p> <table border="0"> <thead> <tr> <th colspan="2">REAR MOUNT</th> <th colspan="3">TERMINATIONS</th> </tr> <tr> <th>COUPLING TYPE</th> <th>KEY CODE</th> <th>RFI CAPS</th> <th>INTERMEDIATE CONTACT PIN</th> <th>SOCKET</th> </tr> </thead> <tbody> <tr> <td>3-lug</td> <td>P</td> <td>RFI457-\triangle</td> <td>TBJ451P-\triangle-R</td> <td>TBJ451S-\triangle-R</td> </tr> <tr> <td>3-lug</td> <td>R</td> <td>RFI457-\triangle</td> <td>TBJ451P-\triangle-R</td> <td>TBJ451S-\triangle-R</td> </tr> <tr> <td>3-lug</td> <td>W</td> <td>RFI457-\triangle</td> <td>TBJ451P-\triangle-R</td> <td>TBJ451S-\triangle-R</td> </tr> <tr> <td>4-lug</td> <td>FL</td> <td>RFI457FL-\triangle</td> <td>TBJ451FLP-\triangle-R</td> <td>TBJ451FLS-\triangle-R</td> </tr> <tr> <td>Threaded</td> <td>-</td> <td>RFI3457-\triangle</td> <td>TBJ3451P-\triangle-R</td> <td>TBJ3451S-\triangle-R</td> </tr> </tbody> </table>					REAR MOUNT		TERMINATIONS			COUPLING TYPE	KEY CODE	RFI CAPS	INTERMEDIATE CONTACT PIN	SOCKET	3-lug	P	RFI457- \triangle	TBJ451P- \triangle -R	TBJ451S- \triangle -R	3-lug	R	RFI457- \triangle	TBJ451P- \triangle -R	TBJ451S- \triangle -R	3-lug	W	RFI457- \triangle	TBJ451P- \triangle -R	TBJ451S- \triangle -R	4-lug	FL	RFI457FL- \triangle	TBJ451FLP- \triangle -R	TBJ451FLS- \triangle -R	Threaded	-	RFI3457- \triangle	TBJ3451P- \triangle -R	TBJ3451S- \triangle -R
REAR MOUNT		TERMINATIONS																																					
COUPLING TYPE	KEY CODE	RFI CAPS	INTERMEDIATE CONTACT PIN	SOCKET																																			
3-lug	P	RFI457- \triangle	TBJ451P- \triangle -R	TBJ451S- \triangle -R																																			
3-lug	R	RFI457- \triangle	TBJ451P- \triangle -R	TBJ451S- \triangle -R																																			
3-lug	W	RFI457- \triangle	TBJ451P- \triangle -R	TBJ451S- \triangle -R																																			
4-lug	FL	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 68-88. "D" mounting holes see page 45. \triangle - For Chain options, see page 36.

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 O.D. (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
	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
	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
	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		
COUPLING TYPE	KEY CODE	RFI CAPS		INTERMEDIATE CONTACT		
				PIN TO MATE WITH SOCKETS	SOCKETS TO MATE WITH PINS	
3-lug	P	RFI455-△	TNG451P-△ -R	TNG451S-△ -R		
3-lug	R	RFI455-△	TNG451P-△ -R	TNG451S-△ -R		
3-lug	W	RFI455-△	TNG451P-△ -R	TNG451S-△ -R		
4-lug	FL	RFI455FL-△	TNG451FLP-△ -R	TNG451FLS-△ -R		
Threaded	-	RFI3455-△	TNG3451P-△ -R	TNG3451S-△ -R		

△ - Refers to Cable Group Table see pages 68-88. "D" mounting holes see page 45. △ - Chain options see page 36.