Glenair Series ITS and ITS-RG
MIL-DTL-5015 Type Reverse Bayonet Connectors
Insert Arrangements for Thermocouple Contacts

Arrang.	Number of Contacts		Standard Insert	Alternate Position Rotation	Contact Material
	#16	#12			
10SL-51	2	-	10SL-4	45	A=Fe - B=Con
10SL-52	2	-	10SL-4	45	A=Cu - B=Con
10SL-53	2	-	10SL-4	45	A=Al - B=Ch
10SL-54	3	-	10SL-3	-	A=Fe - B=Con - C=Cu
10SL-55	3	-	10SL-3	-	A=Al - B=Ch - C=Cu
10SL-56	2	-	10SL-4	-	A=Al - B=Ch
12S-51	2	-	12S-3	315	A=Ch - B=Al
12S-54	2	-	12S-3	315	A=Fe - B=Con
12S-55	2	-	12S-3	45	A=Cu - B=Con
12S-56	2	-	12S-3	-	A=Al - B=Ch
12S-57	2	-	12S-3	60	A=Ch - B=Al
12S-58	2	-	12S-3	120	A=Fe - B=Con
12S-59	2	-	12S-3	-	A=Fe - B=Con
12S-62	2	-	12S-3	-	A=Ch - B=Al
14S-51	2	-	14S-9	90	A=Al - B=Ch
14S-52	4	-	14S-2	45	A,B=Cu - C=Al - D=Ch
14S-53	2	-	14S-9	90	A=Fe - B=Con
14S-54	6	-	14S-6	45	A,C,E=Fe - B,D,F=Con
14S-55	4	-	14S-2	45	A,C=Fe - B,D=Con
14S-56	4	-	14S-2	45	A=Fe - B=Con - C,D=Cu
14S-57	4	-	14S-2	45	A,C=Al - B,D=Ch
14S-58	3	-	14S-4	45	A=Al - B=Ch - C=Cu
14S-59	2	-	14S-9	90	A=Cu - B=Con
14S-60	2	-	14S-9	-	A=Al - B=Ch
14S-61	6	-	14S-6	45	A=Al - B=Ch - C=Fe - D=Con - E,F=Cu
14S-63	6	-	14S-6	-	A,C=Al - B,D=Ch - E=Fe - F=Con
14S-64	4	-	14S-2	-	A,C=Con - B,D=Cu
14S-65	6	-	14S-6	-	A,C,E=Cu - B,D,F=Con
14S-67	6	-	14S-6	-	A=Al - B=Ch - Bal=Cu
14S-68	4	-	14S-2	45	A=Ch - B=Con - C,D=Cu
14S-69	3	-	14S-7	-	A=Con - B=Ch - C=Cu
14S-70	4	-	14S-2	-	A=Ch - D=Al - Bal=Cu
14S-71	4	-	14S-2	-	n°2 =Ch - n°2=Con
14S-72	4	-	14S-2	-	A,C=Fe - B,D=Con
14S-73	4	-	14S-2	-	A,C=Ch - B,D=Al
14S-74	4	-	14S-2	-	A=Al - B=Ch - Bal=Cu
14S-77	6	-	14S-6	-	A,B,C=Al - D,E,F=Ch
14S-78	4	-	14S-2	-	A,B=Al - C,D=Ch
14S-79	5	-	14S-5	-	n°1=Al - n°1=Ch - Bal=Cu
14S-80	3	-	14S-7	-	n°2=Fe - n°1=Con
16S-50	5	-	16S-8	-	n°1=Con - n°1=Fe - n°3=Cu
16S-51	7	-	16S-1	-	A,F=Al - B=Ch - Bal=Cu
16S-52	2	-	16S-4	-	A=Ch - B=Al
16S-53	3	-	16S-5	-	A,B,C=Fe
16S-54	7	-	16S-1	-	A=Al - B=Ch - Bal=Cu

Materials description key: Al = Alumel, Ch = Chromrel, Con = Constantan, Cu = Copper, Fe = Iron, PhBz = Phosphor Bronze, Dummy = Wire hole plug

Degrees α ±2°

Glenair Series ITS and ITS-RG
MIL-DTL-5015 Type Reverse Bayonet Connectors
Insert Arrangements for Thermocouple Contacts

Arrang.	Number of Contacts		Standard Insert	Alternate Position Rotation	Contact Material
	#16	#12			
16S-55	2	-	16S-4	-	n°1=Con - n°1=Cu
16S-56	7	-	16S-1	-	A,D=Fe - B,E=Con - Bal=Cu
16S-57	3	-	16S-5	-	n°1=Ch - n°1=Al - n°1=Cu
16S-58	5	-	16S-8	-	n°2=Fe - n°2=Con - n°1=Cu
16S-59	7	-	16S-1	-	n°3=Al - n°3=Ch - n°1=Cu
16-13	2	-	16-13	-	A=Fe - B=Con
16-52	2	-	16-11	90	A=Al - B=Ch
16-53	2	2	16-9	70	A=Al - C=Ch - B,D=Cu
16-55	-	3	16-10	45	A=Al - B=Ch - C=Cu
16-56	-	2	16-13	90	A=Con - B=Cu
16-57	-	3	16-10	-	A=Al - B=Cu - C=Ch
16-58	-	3	16-10	-	A=Con - B,C=Cu
16-60	-	2	16-13	-	A=Al - B=Ch
18-15	-	4	18-15	-	A,C=Fe - B,D=Con
18-41	4	-	18-4	-	A,C=Fe - B,D=Con
18-42	4	-	18-4	-	A,C=Al - B,D=Ch
18-43	4	-	18-4	-	A,C=Ch - B,D=Con
18-44	3	-	18-22	-	n°1=Al - n°1=Ch - n°1=Cu
18-45	5	-	18-20	-	A=Fe - B=Con - Bal=Cu
18-46	4	-	18-4	-	n°1=Ch - n°1=Al - n°2=Cu
18-47	4	-	18-4	-	A,C=Ch - B,D=Al
18-49	10	-	18-1	-	n°3=Fe - n°3=Con - Bal=Cu
18-50	-	2	18-3	-	n°1=Al - n°1=Ch
18-51	6	-	18-12	-	A,B=Fe - E,D=Con - C,F=Cu / (A=Fe - B,E=Con - D=Cu - C,F=Dummy)
18-52	-	5	18-11	-	A=Fe - B=Con - C=Ch - D=Al - E=Cu / (A=Fe - B=Con - C=Ch - D=Al - E=Dummy)
18-53	6	-	18-12	-	A,D=Fe - B,E=Con - C,F=Cu / (A,D=Fe - B,E=Con - C,F=Dummy)
18-54	-	4	18-15	-	A,C=Al - B,D=Ch
18-56	10	-	18-1	45	A,C,E,G,I=Fe - B,D,F,H,J=Con
18-57	6	-	18-12	45	A,C,E=Al - B,D,F=Ch
18-59	6	-	18-12	45	A,C=Fe - B,E,F=Con - D=Cu
18-60	-	5	18-11	45	A,D=Al - B,C=Ch - E=Cu
18-61	6	-	18-12	-	A,C=Fe - B,D=Con - E=Ch - F=Al
18-62	6	-	18-12	-	A,B,C=Fe - D,E,F=Con
18-63	-	4	18-15	-	A,C=Con - B,D=Cu
18-65	6	-	18-12	-	A=Fe - B=Con - Bal=Cu
18-66	10	-	18-1	-	A,C,E,G,I=Cu - B,D,F,H,J=Con
18-67	6	-	18-12	-	A,C,E=Cu - B,D,F=Con
18-68	5	-	18-11	-	A,D=Al - B,C=Ch - E=Cu
18-69	10	-	18-1	-	A=Al - B=Ch - Bal=Cu
18-70	-	5	18-11	-	A=Fe - B=Con - C=Ch - D=Al - E=Cu
18-71	6	-	18-12	-	n°2=Al - n°2=Ch - n°2=Cu
18-72	-	4	18-10	45	n°2=Fe - n°2=Con
18-73	-	4	18-10	-	n°2=Fe - n°2=Con
18-74	-	4	18-10	-	n°2=Con - n°2=Cu
18-75	10	-	18-1	-	n°2=Al - n°2=Ch - Bal=Cu

Materials description key: Al = Alumel, Ch = Chromrel, Con = Constantan, Cu = Copper, Fe = Iron, PhBz = Phosphor Bronze, Dummy = Wire hole plug

Degrees α ±2°

Glenair Series ITS and ITS-RG
MIL-DTL-5015 Type Reverse Bayonet Connectors
Insert Arrangements for Thermocouple Contacts

Arrang.	Number of Contacts		Standard Insert	Alternate Position Rotation	Contact Material
	#16	#12			
20-222	3	3 #8	20-22	-	B=Fe - D=Con - Bal=Cu
20-50	17	-	20-29	-	n°7=Al - n°7=Ch - n°3=Cu
20-51	8	-	20-7	-	A,C,E,G=Ch - B,D,F,H=Al
20-52	-	4	20-4	315	A=Fe - B=Con - C=Ch - D=Al
20-56	-	8	20-7	45	A,B,G,H=Fe - C,D,E,F=Con
20-60	8	-	20-7	45	D=Ch - E=Al - Bal=Cu
20-61	17	-	20-29	45	A,B,M=Cu - Bal=Con
20-62	-	7	20-15	80	A,C,E=Al - B,D,F=Ch - G=Cu
20-64	14	-	20-27	-	H=Al - C=Ch - Bal=Cu
20-641	14	-	20-27	-	A,B,C,D,E,F,G=Al - H,I,J,K,L,M,N=Ch
20-65	14	-	20-27	-	A,B,C,D,E,F,G=Fe - H,I,J,K,L,M,N=Con
20-67	7	2	20-16	-	H=Al - I=Ch - Bal=Cu
20-68	8	-	20-7	-	A,B,G,H=Con - C,D,E,F=Cu
20-69	14	-	20-27	-	A,B,C,D,E,F,G=Cu - H,I,J,K,L,M,N=Con
20-70	17	-	20-29	-	A,C,E,G,J,L,N,R,T=Fe - B,D,F,H,K,M,P,S=Con
20-71	17	-	20-29	-	S=Al - R=Ch - Bal=Cu
20-74	17	-	20-29	-	A,C,E,G,J,L,N,R=Fe - B,D,F,H,K,M,P,S=Con - T=Cu
20-75	-	7	20-15	-	G=Al - Bal=Ch
20-76	17	-	20-29	-	n°8=Ch - n°8=Al - n°1=Cu
20-77	9	-	20-A9	-	n°3=Al - n°3=Ch - n°3=PhBz
20-78	-	4	20-4	-	A=Fe - B=Con - Bal=Cu
20-80	-	3	20-3	-	A=Al - C=Ch - B=Cu
20-81	8	1	20-21	-	n°4=Al - n°4=Ch - I=Cu
20-82	14	-	20-27	-	n°4=Al - n°10=Cu
20-83	14	-	20-27	-	A,B=Ch - C,D=Al - Bal=Cu
20-84	3	3 #8	20-22	-	B=Al - D=Ch - Bal=Cu
20-85	14	-	20-27	-	n°12=Ch - n°1=Al - n°1=Cu
20-86	14	-	20-27	-	n°2=Al - n°12=Ch
22-36	-	8	22-36	-	B,D,F,H=Con - A,C,E,G=Fe
22-57	19	-	22-14	45	A,C,E,G,J,L,N,R=Fe - B,D,F,H,K,M,P,S=Con - T,U,V=Cu
22-60	19	-	22-14	45	U=Al - N=Ch - Bal=Cu
22-62	-	8	22-23	300	A,B,F,G=Al - C,D,E,H=Ch
22-68	14	-	22-19	45	A,C,E,G,J,L,M=Fe - B,D,F,H,K,P,N=Con
22-69	14	-	22-19	45	A,C,E,G,J,L,M=Cu - B,D,F,H,K,P,N=Con
22-71	19	-	22-14	-	V=Al - U=Ch - Bal=Cu
22-72	4	2	22-5	-	B=Al - E=Ch - Bal=Cu
22-73	4	2	22-5	-	E=Al - B=Ch - Bal=Cu
22-74	-	8	22-23	-	A,C,E,G=Fe - B,D,F,H=Con
22-75	-	8	22-23	-	A=Al - B,D,G,H=Cu - C=Ch - E=Fe - F=Con
22-77	14	-	22-19	-	B,D,F,H,J,K,M,P=Cu - A,E,L=Fe - C,G,N=Con
22-78	19	-	22-14	-	A,C,E,G,H,K,M,P,R,T=Con - Bal=Cu
22-79	4	-	22-10	-	A,C=Con - B,D=Cu
22-81	2	3	22-34	-	E=Fe - D=Con - Bal=Cu
22-82	19	-	22-14	-	A,L,C,E,G,J=Fe - B,M,D,F,H,K=Con - N,U,P,R,S,T=Cu - V=Dummy
22-83	19	-	22-14	-	A,L,C,E,G,J=Al - B,M,D,F,H,K=Ch - N,U,P,R,S,T=Cu - V=Dummy
22-85	4	2	22-5	-	n°2=Al - n°2=Ch - Bal=Cu

Materials description key: Al = Alumel, Ch = Chromrel, Con = Constantan, Cu = Copper, Fe = Iron, PhBz = Phosphor Bronze, Dummy = Wire hole plug

Degrees α ±2°

Arrang.	Number of Contacts		Standard Insert	Alternate Position Rotation	Contact Material
	#16	#12			
24-412	12	-	24-19	-	n°6=Cu - n°6=Con
24-56	9	2	24-20	45	E=Al - F=Ch - Bal=Cu
24-57	24	-	24-28	45	A,C,J,V,Y,W,K,E,H,U,S,M=Ch - Bal=Al
24-62	24	-	24-28	-	A,C,E,G=Fe - B,D,F,H=Con - R,T=Ch - S,U=Al - Bal=Cu
24-621	24	-	24-28	-	A,C,E,G,J,L,K,N,S,U,W,Y=Fe - B,D,F,H,Q,R,M,P,T,V,X,Z=Con
24-622	24	-	24-28	-	A,C,E,G,J,L,K,N,S,U,W,Y=Ch - B,D,F,H,Q,R,M,P,T,V,X,Z=Al
24-63	24	-	24-28	-	A,C,E,G,J,L,K,N,S,U,W,Y=Cu - B,D,F,H,Q,R,M,P,T,V,X,Z=Con
24-64	16	-	24-5	-	A,B,C,D,E,F,G,H=Fe - J,K,L,M,N,P,R,S=Con
24-68	24	-	24-28	-	D=Con - Bal=Cu
24-69	12	-	24-19	-	n°5=Con - n°7=Cu
24-70	24	-	24-28	-	n°8=Ch - n°8=Al - n°8=PhBz
24-71	16	-	24-5	-	A,B,C,D,E,F,G,H=Al - J,K,L,M,N,P,R,S=Ch
28-201	4	10	28-20	-	A,C,E,G,J,P=Con - Bal=Cu
28-53	18	4	28-11	45	J,L=Al - K,M=Ch
28-58	4	10	28-20	45	A,C,E,G,K,M=Al - B,D,F,H,L,N=Ch - J,P=Cu
28-61	37	-	28-21	45	A,C,Z,m,r,n,a,K,F,H,X,k,h,T,M,N,d=Fe - Bal=Con
28-63	4	10	28-20	315	A,C,E,G,J=Al - B,D,F,H,P=Ch - Bal=Cu
28-64	35	-	28-15	-	A,d=Al - B,j=Ch - C,D,E,F,G,N,P,R,S,H,J,K,L,M,W,X,Y,Z=Con - Bal=Cu
28-65	26	-	28-12	-	A,C,E,G,J,L,N,R,T,V=Fe - X,Z=Al - B,D,F,H,K,M,P,S,U,W=Con - Y,a=Ch - b,d=Cu
28-66	20	-	28-16	-	n°10=Con - n°10=Cu
28-67	20	-	28-16	-	U=Con - Bal=Cu
28-68	35	-	28-15	45	T=Al - U=Ch - Bal=Cu
28-69	18	4	28-11	-	G=Al - R=Ch - Bal=Cu
28-70	18	4	28-11	-	A=Al - B=Ch - Bal=Cu
28-77	20	-	28-16	-	n°6=Fe - n°6=Con - Bal=Cu
28-78	35	-	28-15	-	A,B=Ch - C,D=Al - Bal=Cu
28-80	20	-	28-16	-	n°10=Fe - n°10=Con
28-81	35	-	28-15	-	n°10=Al - n°10=Ch - Bal=Cu
28-811	35	-	28-15	-	n°17=Ch - n°17=Al - n°1=Dummy
28-82	35	-	28-15	-	n°12=Fe - n°12=Con - Bal=Cu
32-50	34	6	32-8	-	M=Ch - N=Al - Bal=Cu
32-51	24	6	32-8	90	M=Ch - N=Al - Bal=Cu
32-55	24	6	32-8	125	M,N=Ch - O,P=Al - Bal=Cu
32A-401	40	-	32A-40	-	n°13=Al - n°13=Ch - n°14=Cu
36-101	48	-	36-10	-	n°24=Al - n°24=Ch
36-102	48	-	36-10	-	n°24=Ch - n°24=Con
36-53	40	7	36-7	45	U,V,W=Al - X,Y,Z=Ch - Bal=Cu
36-56	48	-	36-10	-	A,C,E,G,L,J,H,P,R,T,V,X,Z,b,d,f,h,k,q,m,n,u,w,y=Con - Bal=Cu
36-57	46	1	36-8	-	W=Al - f=Ch - Bal=Cu
36-58	35	-	36-15	-	H=Al - G=Ch - Bal=Cu
36-61	35	-	36-15	-	A,C,E,J,K,L,M,N,P,R,T,V,f,X,Y,h,j,c=Con - Bal=Cu
36-62	48	-	36-10	-	A,C,E=Al - B,D,F=Ch - Bal=Cu
36-63	48	-	36-10	-	n°16=Al - n°16=Ch - n°16=Cu
36-64	48	-	36-10	-	n°24=Fe - n°24=Con
40-58	85	-	40-56	-	A,C,E,H,K,M,P,S,U,W,Y,a,c,f,h,j,m,p,r,t,v,x,z,AB,AD,AF,AJ,AL,AN,AP,AS,AU,AW,AY,BA,BC,BE,BH,BK,BM,BP,BS,BU=Fe - Bal=Con
40-59	85	-	40-56	-	B=Ch - C=Con - Bal=Cu

Materials description key: Al = Alumel, Ch = Chromrel, Con = Constantan, Cu = Copper, Fe = Iron, PhBz = Phosphor Bronze, Dummy = Wire hole plug

Degrees α ±2°