



SPECIFICATIONS

MATERIAL

Body:	Brass
Entry Body:	Beryllium Copper
Insulators:	Teflon®
Spring Member:	Beryllium Copper
Crimp Sleeves:	Commercial Bronze

FINISHES

Body:	Nickel
Center Contacts:	Gold

ELECTRICAL

Impedance:	75 Ohms
Return Loss:	Up to 500 MHz, -20 dB minimum Up to 750 MHz, -17 dB minimum
Operating Freq:	DC to 2.5 GHz

MECHANICAL

Life:	30,000 cycles minimum
Cable Retention:	140 lbs minimum, 1/2" diameter cable 100 lbs minimum, 3/8" diameter cable

ENVIRONMENTAL

Moisture:	0 to 98% MIL-STD-202 Method 106
Temperature:	-20° to +70° C
Corrosion:	MIL-STD-202 Method 101

- 75 Ohm performance is suitable for Analog, Serial Digital, and HDTV.
- Rugged weatherproof design—Ideal for outdoor use.
- Meets or exceeds SMPTE 292 requirements.
- Mates with Fischer 1051 Series triaxial connectors.
- Push-on coupling with audible “snap” to ensure proper mating.
- Plugs and jacks available for 8mm, 11mm, and 14mm cables.
- Retro Fit kits available for field replacement without re-termination of entire connector.

STANDARD JACK

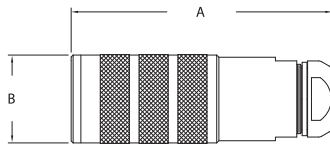


FIGURE 1

BULKHEAD JACK - FRONT MOUNT

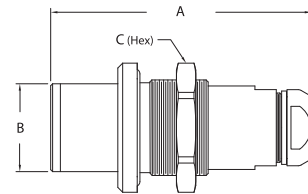


FIGURE 2

BULKHEAD RECEPTACLE - FRONT MOUNT

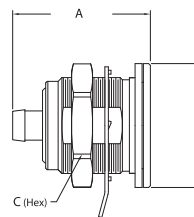


FIGURE 3

Item Number	Military PN	Product Description	Gender	Finish	Dimensions				Cable Group	Cable Procedure	Crimp Die	Mounting Hole	Figure #
					A	B	C	D					
780370		Jack, Crimp	F	Nickel	2.690	0.905			70	3-651	KTH-2040 KTH-2043		1
780373		Jack, Crimp	F	Nickel	2.690	0.905			73	3-651	KTH-8001		1
780374		Jack, Crimp	F	Nickel	2.690	0.905			74	3-651	KTH-8002		1
780376		Jack, Crimp	F	Nickel	2.690	0.905			76	3-651	KTH-8001		1
780380		Jack, Crimp	F	Nickel	2.690	0.905			80	3-651	KTH-2004 KTH-2012		1
780390		Jack, Crimp	F	Nickel	2.690	0.905			90	3-651	KTH-2267 KTH-2260		1
780270		Jack, Crimp, Bulkhd	F	Nickel	2.690	0.905	1.187		70	3-651	KTH-2040 KTH-2043	AL	2
780273		Jack, Crimp, Bulkhd	F	Nickel	2.690	0.905	1.187		73	3-651	KTH-8001	AL	2
780274		Jack, Crimp, Bulkhd	F	Nickel	2.690	0.905	1.187		74	3-651	KTH-8002	AL	2
780276		Jack, Crimp, Bulkhd	F	Nickel	2.690	0.905	1.187		76	3-651	KTH-8001	AL	2
780280		Jack, Crimp, Bulkhd	F	Nickel	2.690	0.905	1.187		80	3-651	KTH-2004 KTH-2012	AL	2
780290		Jack, Crimp, Bulkhd	F	Nickel	2.690	0.905	1.187		90	3-651	KTH-2267 KTH-2260	AL	2
781273		Receptacle, Plug, Bulkhd	M	Nickel	1.580	1.416	1.250		73	3-794		AM	3

STANDARD PLUG

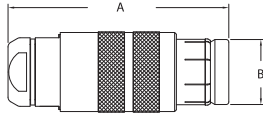


FIGURE 4

BULKHEAD PLUG - FRONT MOUNT

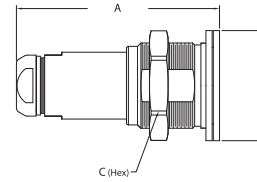


FIGURE 5

RETRO-FIT KITS

Item Number	Military PN	Product Description	Gender	Finish	Dimensions				Cable Group	Cable Procedure	Crimp Die	Mounting Hole	Figure #
					A	B	C	D					
780670		Plug, Crimp	M	Nickel	2.529	0.744			70	3-651	KTH-2040 KTH-2043		4
780673		Plug, Crimp	M	Nickel	2.529	0.744			73	3-651	KTH-8001		4
780674		Plug, Crimp	M	Nickel	2.529	0.744			74	3-651	KTH-8002		4
780676		Plug, Crimp	M	Nickel	2.529	0.744			76	3-651	KTH-8001		4
780680		Plug, Crimp	M	Nickel	2.529	0.744			80	3-651	KTH-2004 KTH-2012		4
780690		Plug, Crimp	M	Nickel	2.529	0.744			90	3-651	KTH-2267 KTH-2260		4
780570		Plug, Crimp, Bulkhd	M	Nickel	2.614	1.416	1.250		70	3-651	KTH-2040 KTH-2043	AM	5
780573		Plug, Crimp, Bulkhd	M	Nickel	2.614	1.416	1.250		73	3-651	KTH-8001	AM	5
780574		Plug, Crimp, Bulkhd	M	Nickel	2.614	1.416	1.250		74	3-651	KTH-8002	AM	5
780576		Plug, Crimp, Bulkhd	M	Nickel	2.614	1.416	1.250		76	3-651	KTH-8001	AM	5
780580		Plug, Crimp, Bulkhd	M	Nickel	2.614	1.416	1.250		80	3-651	KTH-2004 KTH-2012	AM	5
780590		Plug, Crimp, Bulkhd	M	Nickel	2.614	1.416	1.250		90	3-651	KTH-2267 KTH-2260	AM	5
783870		Retrofit Kit, Female, CG 70	F						70				
783873		Retrofit Kit, Female, CG 73	F						73				
783874		Retrofit Kit, Female, CG 74	F						74				
783876		Retrofit Kit, Female, CG 76	F						76				
783880		Retrofit Kit, Female, CG 80	F						80				
783890		Retrofit Kit, Female, CG 90	F						90				
785870		Retrofit Kit, Male, CG 70	M						70				
785873		Retrofit Kit, Male, CG 73	M						73				
785874		Retrofit Kit, Male, CG 74	M						74				
785876		Retrofit Kit, Male, CG 76	M						76				
785880		Retrofit Kit, Male, CG 80	M						80				
785890		Retrofit Kit, Male, CG 90	M						90				