

Amphenol

Circular Interconnects

164 Series Mil-C-55116 Waterproof Audio

These waterproofed and polarised connectors employ a bayonet locking system for quick coupling. The sprung loaded contacts offer a self-wiping action. This product meets the requirements of Mil-C-55116.

Materials

Housing	- Stainless Steel (Sand blasted & passivated)
Contact	- Brass
Insulator	- DAP
Contact plating	- 50µ" Gold

Circuit sizes

5 & 6 circuits

Temperature

-55°C to 85°C

Durability

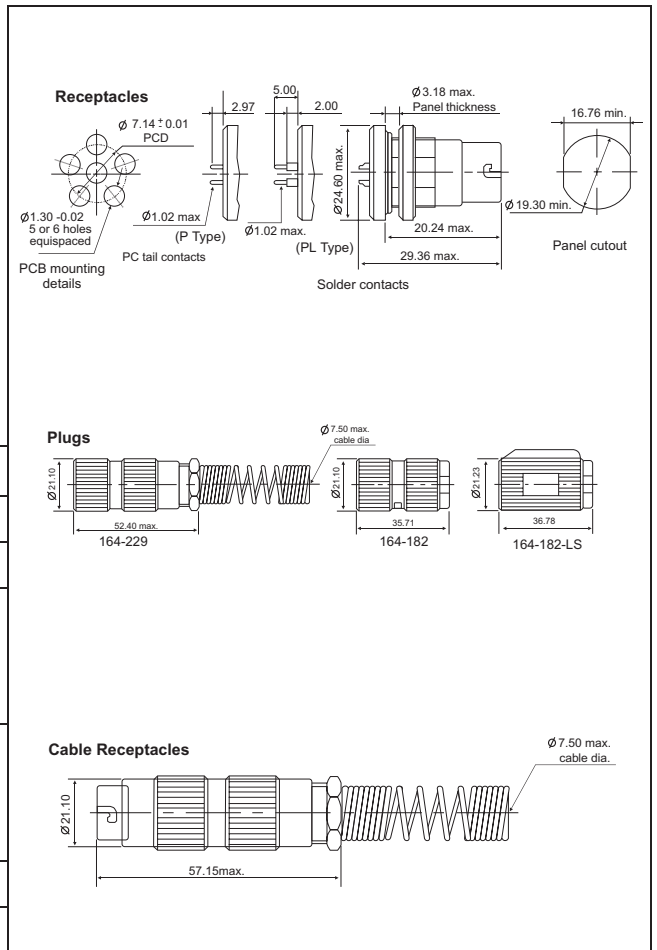
3000 cycles

Related Information

'L' notes - Lightweight
'S' notes - Solder

Electrical

Operating Voltage	- 60V max
Current	- 0.5A
Contact Resistance	- ≤40Ω



Part Number:	No. of Contacts	Connector Type	Contact Type	Mating Half
164-183	5	Receptacle	Solder	164-229-X
164-183-P			PC Tail	164-182-X
164-183-6	6		Solder	164-229-6X
164-183-6P			PC Tail	164-182-6X
164-229	5	Plug	Barrel Rigid	164-183-X
164-229-S			Solder Rigid	
164-182			Barrel Rigid	
164-182-S			Solder Rigid	
164-182-L			Barrel Rigid	
164-182-LS	Solder Rigid	164-183-6X		
164-229-6	Barrel Rigid			
164-229-6S	Solder Rigid			
164-182-6	Barrel Rigid			
164-182-6S	Solder Rigid			
164-182-6L	Barrel Rigid	164-229-X		
164-182-6LS	Solder Rigid			
164-228	5		Barrel Loaded	
164-228-S		Solder Loaded	164-182-X	
164-228-6	6	Cable Receptacle	Barrel Loaded	164-229-6X
164-228-6S			Solder Loaded	164-182-6X

164F Series Mil-C-55116 Filtered

164F offers communications security and ECCM capabilities. Designed for man-pack, vehicle mounted, shipboard or aircraft applications.

Materials

Housing	- Stainless Steel (passivated)
Contact	- Copper Alloy
Insulator	- DAP
Contact plating	- 30µ" Gold + Ni

Electrical

Operating Voltage	- 60V max
Current	- 0.5A
Contact Resistance	- ≤40Ω

Temperature

-55°C to 85°C

Durability

3000 cycles

Part Number System:

Series **164F-183 XX-XXX**

Receptacle

No. of Contacts

5: 5 Position

6: 6 Position

Termination

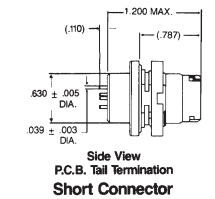
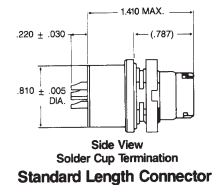
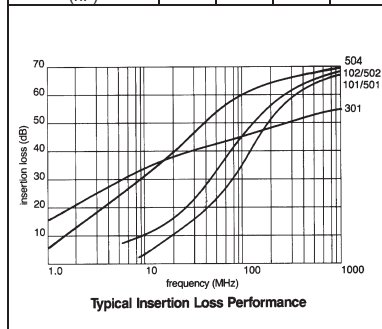
B: PCB

S: Solder Cup

Filter Designation

See Filter Desig. Table adjacent

Filter Desig	Short	101	102	-	301
	Std	501	502	504	-
Type		Pi		C	
Capacitance @ 25°C 1kHz .1V _{rms} (nF)		2~3	8~16	24~40	72~108



164 Series Accessories

Materials

Cap	- Aluminum black anodized	Chain	- Stainless Steel
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Part Number:	Description	For Connector
164-895	Cap & Chain for 5 & 6 position Receptacle	164-183
164-896	Cap & Chain for 5 & 6 position Plug	164-229

