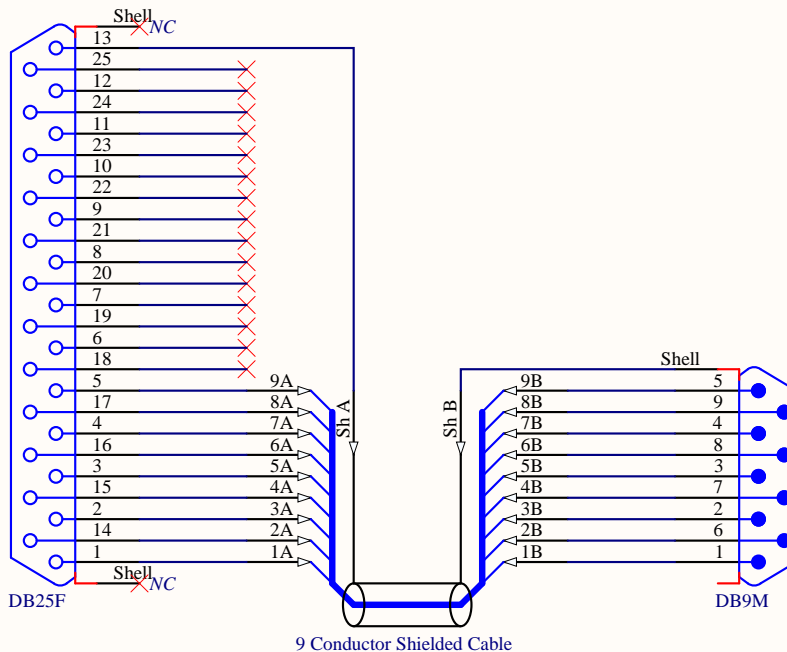
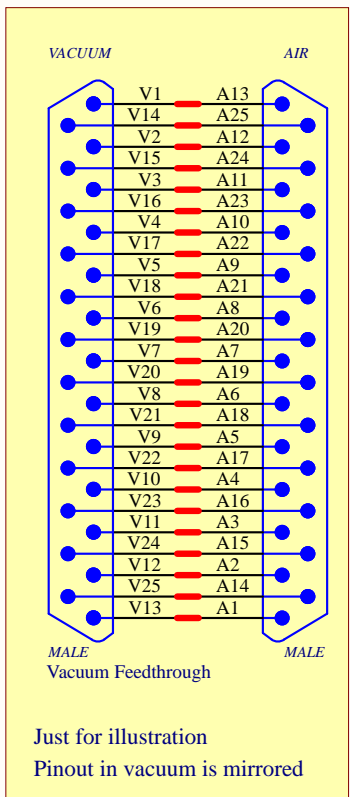


Item	Manufacturer	Part Number	Digi-Key
Backshell DB9	Amphenol	8655MH0901BLF	609-3129-ND
Plug DB9	TE	1757819-6	A34455-ND
Backshell DB25	Amphenol	8655MH2501BLF	609-3131-ND
Socket DB25	TE	1757820-8	A34458-ND

Cable: twisted pair, 24 AWG, shielded, best available



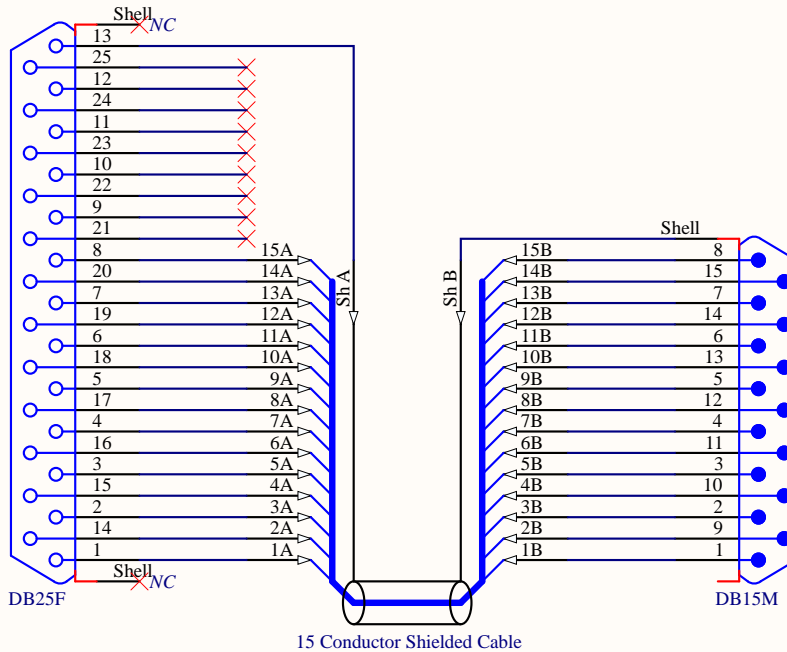
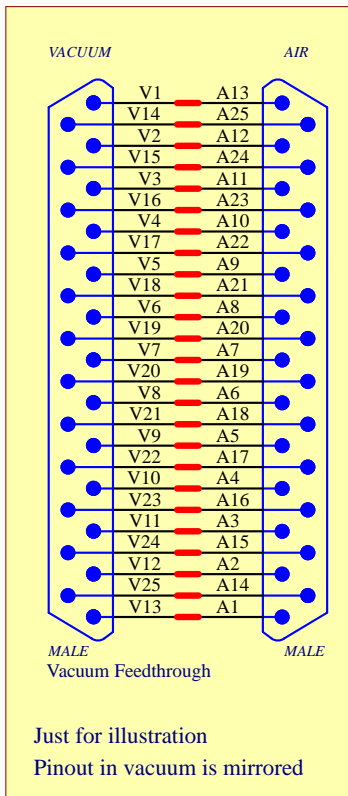
Notes:

- 1) Cable length and cable labels are specified in separate document.
- 2) Add cable labels on both ends of the cable.
- 3) All ground to back shell connections will need to be soldered to the back shell instead of just being clamped.
- 4) Mark each end either "Shield Terminated" or "Shield Not Terminated".

Title			In-Air DB9 Cable to Vacuum Feedthrough		
Size	Number	Revision			
A	D2400268	1			
Date:	8/12/2024	Sheet 1 of 3			
File:	C:\Users\...\CableChamberSideDB9.SchDp	Drawn By:		Daniel Sigg	

Item	Manufacturer	Part Number	Digi-Key
Backshell DB15	Amphenol	8655MH1501BLF	609-3130-ND
Plug DB15	TE	1757819-7	A34457-ND
Backshell DB25	Amphenol	8655MH2501BLF	609-3131-ND
Socket DB25	TE	1757820-8	A34458-ND

Cable: twisted pair, 24 AWG, shielded, best available



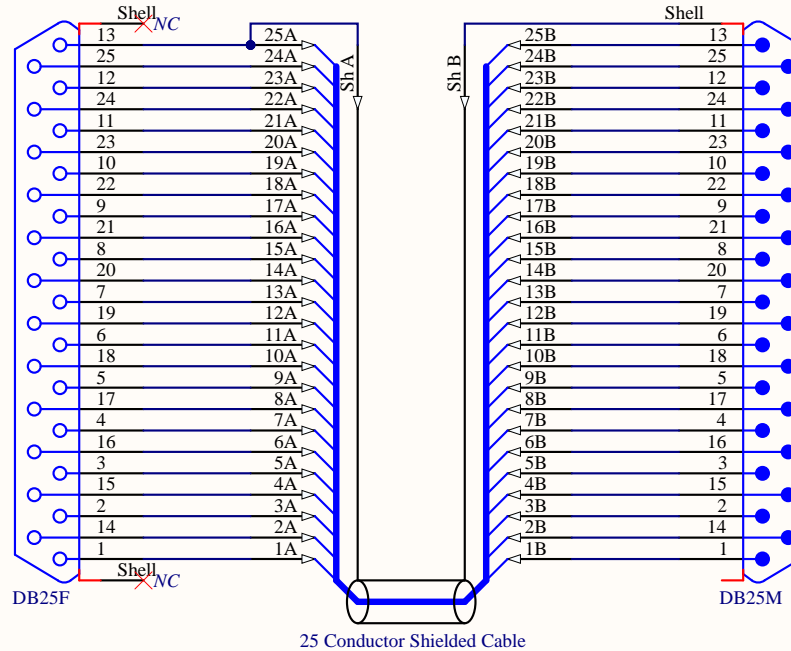
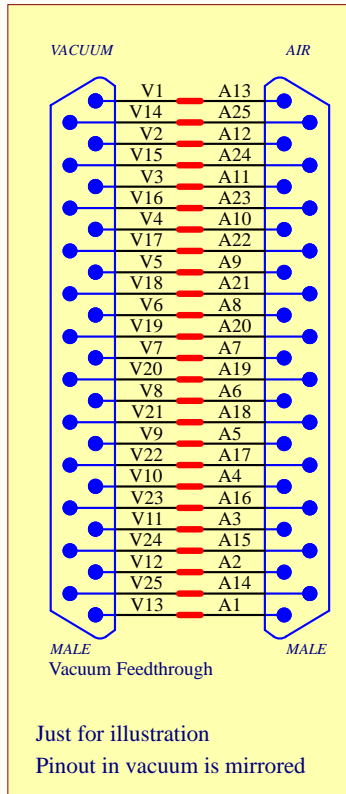
Notes:

- 1) Cable length and cable labels are specified in separate document.
- 2) Add cable labels on both ends of the cable.
- 3) All ground to back shell connections will need to be soldered to the back shell instead of just being clamped.
- 4) Mark each end either "Shield Terminated" or "Shield Not Terminated".

Title			In-Air DB15 Cable to Vacuum Feedthrough		
Size	Number	Revision			
A	D2400268	1			
Date:	8/12/2024	Sheet 2 of	3		
File:	C:\Users\...\CableChamberSideDB15.SchDoc		Drawn By:	Daniel Sigg	

Item	Manufacturer	Part Number	Digi-Key
Backshell DB25	Amphenol	8655MH2501BLF	609-3131-ND
Plug DB25	TE	1757819-8	A34459-ND
Socket DB25	TE	1757820-8	A34458-ND

Cable: twisted pair, 24 AWG, shielded, best available



Notes:

- 1) Cable length and cable labels are specified in separate document.
- 2) Add cable labels on both ends of the cable.
- 3) All ground to back shell connections will need to be soldered to the back shell instead of just being clamped.
- 4) Mark each end either "Shield Terminated" or "Shield Not Terminated".

Title			In-Air DB25 Cable to Vacuum Feedthrough		
Size	Number	Revision			
A	D2400268	1			
Date:	8/12/2024	Sheet 3 of	3		
File:	C:\Users\...\CableChamberSideDB25.Sch	Drawn By:	Daniel Sigg		