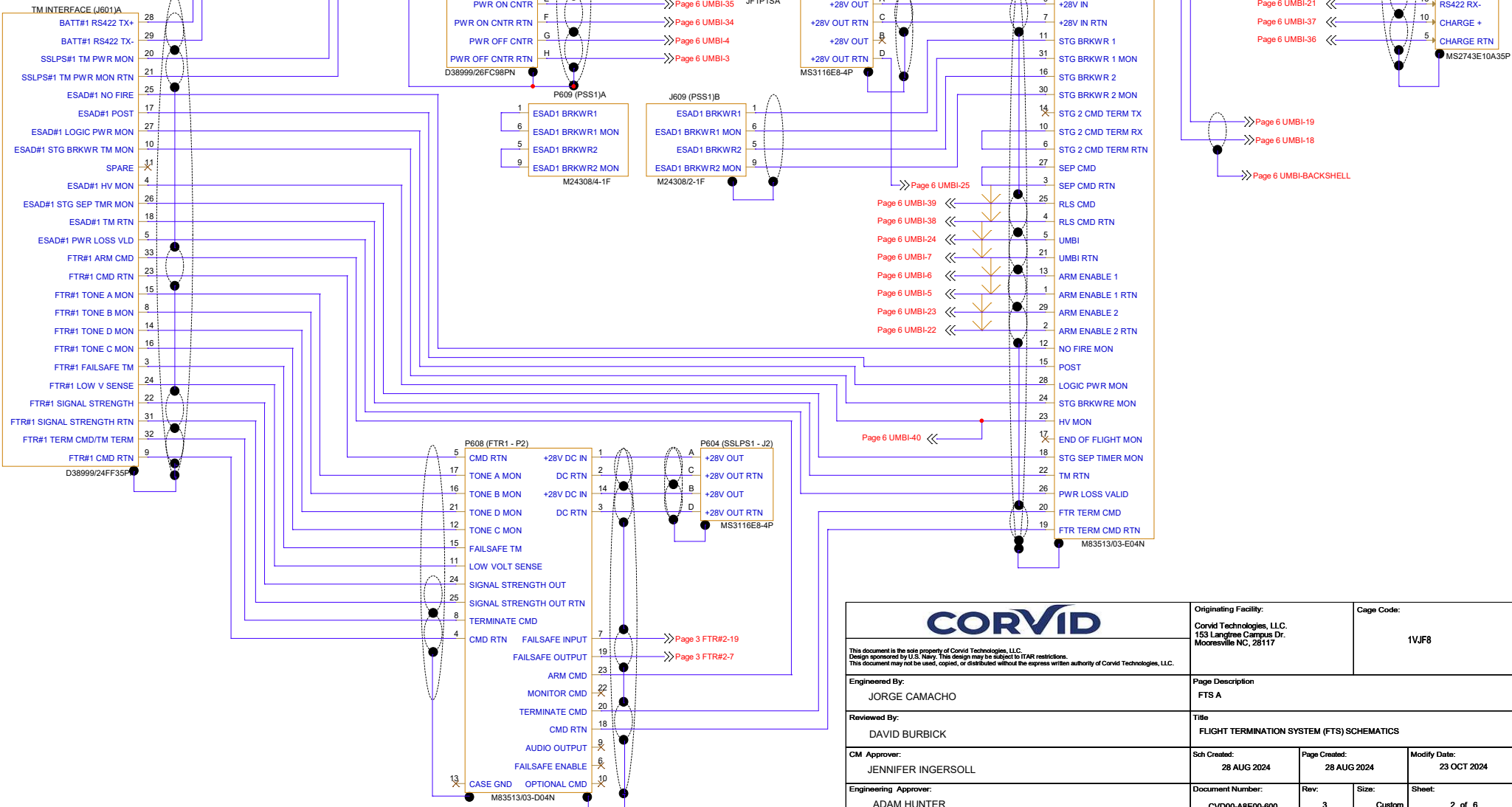


Notes:

1. All wire is 22AWG TWSP unless otherwise noted.
2. Daisy chain TWSP shields and overbraid and terminate to backshell.
3. All wire bundles have metal overbraid, MBN0.xxSV. "xx"denotes diameter, use appropriate size overbraid for each harness branch.
4. M83513 Connectors come prewired. Twist and apply overbraid to appropriate pairs per drawing.
5. Harness is built, routed and shaped on mock-up provided by engineering.

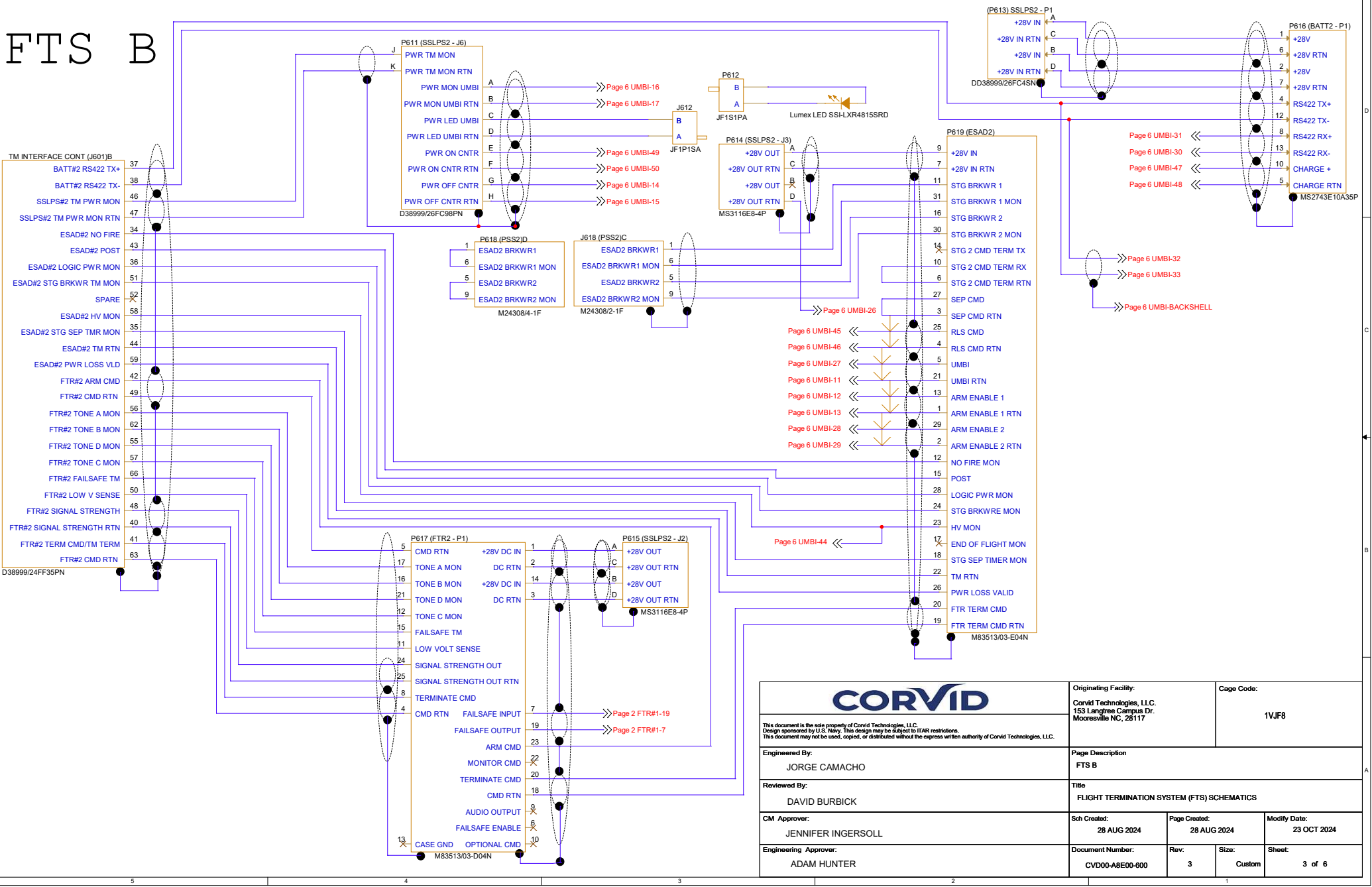
| MATERIAL LIST | | | | | | |
|---|-------------------|----------------------------|--|------------------------------|-----------------------------|------------------|
| AR | MBN0.xxSV | METAL OVERBRAID | | | | 22 |
| AR | RF1.5-3 | TERMINAL LUG, RED | | | | 21 |
| 2 | M85049/49-2-10N | CIRCULAR BACKSHELL | | | | 20 |
| 1 | M85049/79-13W03 | CIRCULAR BACKSHELL | | | | 19 |
| 2 | 500-047M31HB | MICROD BACKSHELL, 31 SHELL | | | | 18 |
| 2 | 500-047M25HB | MICROD BACKSHELL, 25 SHELL | | | | 17 |
| 8 | 654-10-101971-083 | CIRCULAR BACKSHELL | | | | 16 |
| 2 | D38999/26FC4SN | CIRCULAR BACKSHELL | | | | 15 |
| 1 | DDMAM50S | DSUB, 50 SOCKET | | | | 14 |
| 2 | D38999/24FF35PN | CIRCULAR CONNECTOR | | | | 13 |
| 2 | D38999/26FC98PN | CIRCULAR CONNECTOR | | | | 12 |
| 2 | JF1S1PA | WINCHESTER CONNECTOR | | | | 11 |
| 2 | JF1P1SA | WINCHESTER CONNECTOR | | | | 10 |
| 2 | M24308/4-1F | DSUB, 9 PIN | | | | 9 |
| 2 | M24308/2-1F | DSUB, 9 SOCKET | | | | 8 |
| 1 | MS3116E8-4P | CIRCULAR CONNECTOR | | | | 7 |
| 2 | M83513/03-D04N | MICRO DSUB, PREWIRED | | 4 | | 6 |
| 2 | M83513/03-E04N | MICRO DSUB, PREWIRED | | 4 | | 5 |
| 2 | MS2743E10A35P | CIRCULAR CONNECTOR | | | | 4 |
| AR | M27500-22RC2S06 | Wire, 22 AWG, TWSP | | | | 3 |
| AR | | Zip Ties | | | | 2 |
| AR | | Lacing | | | | 1 |
| QUANTITY | PART NUMBER | DESCRIPTION | MANUFACTURER | NOTE | ITEM NUMBER | |
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| Engineering Approver: | | | Document Number: CVD00-A8E00-600 | Rev: 3 | Size: Custom | Sheet: 1 of 6 |

FTS A



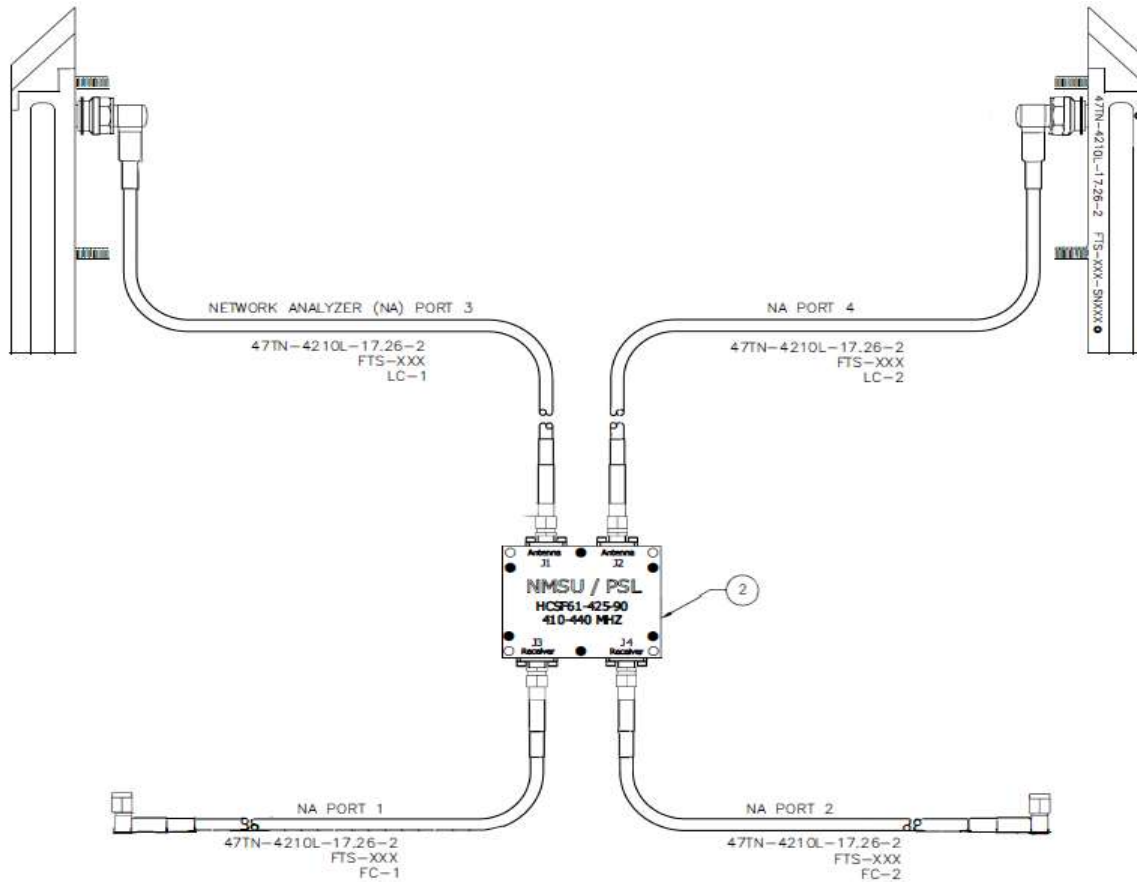
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| | | | | | Sheet: 2 of 6 |

FTS B

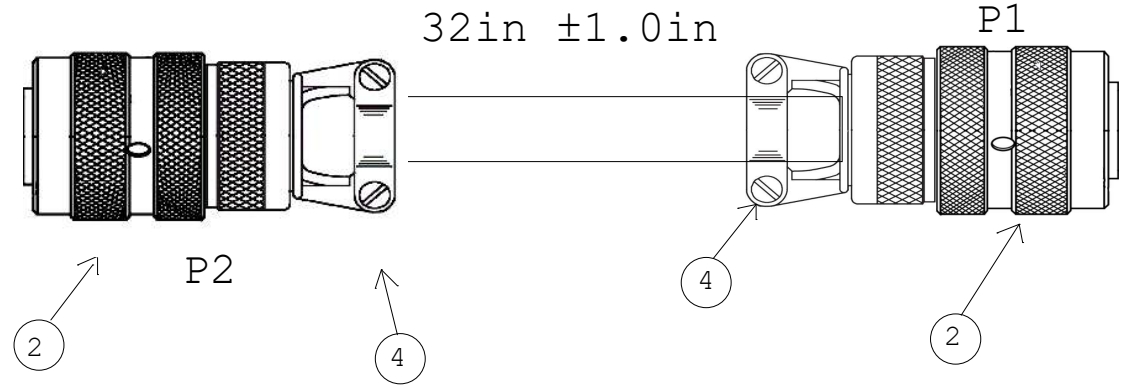
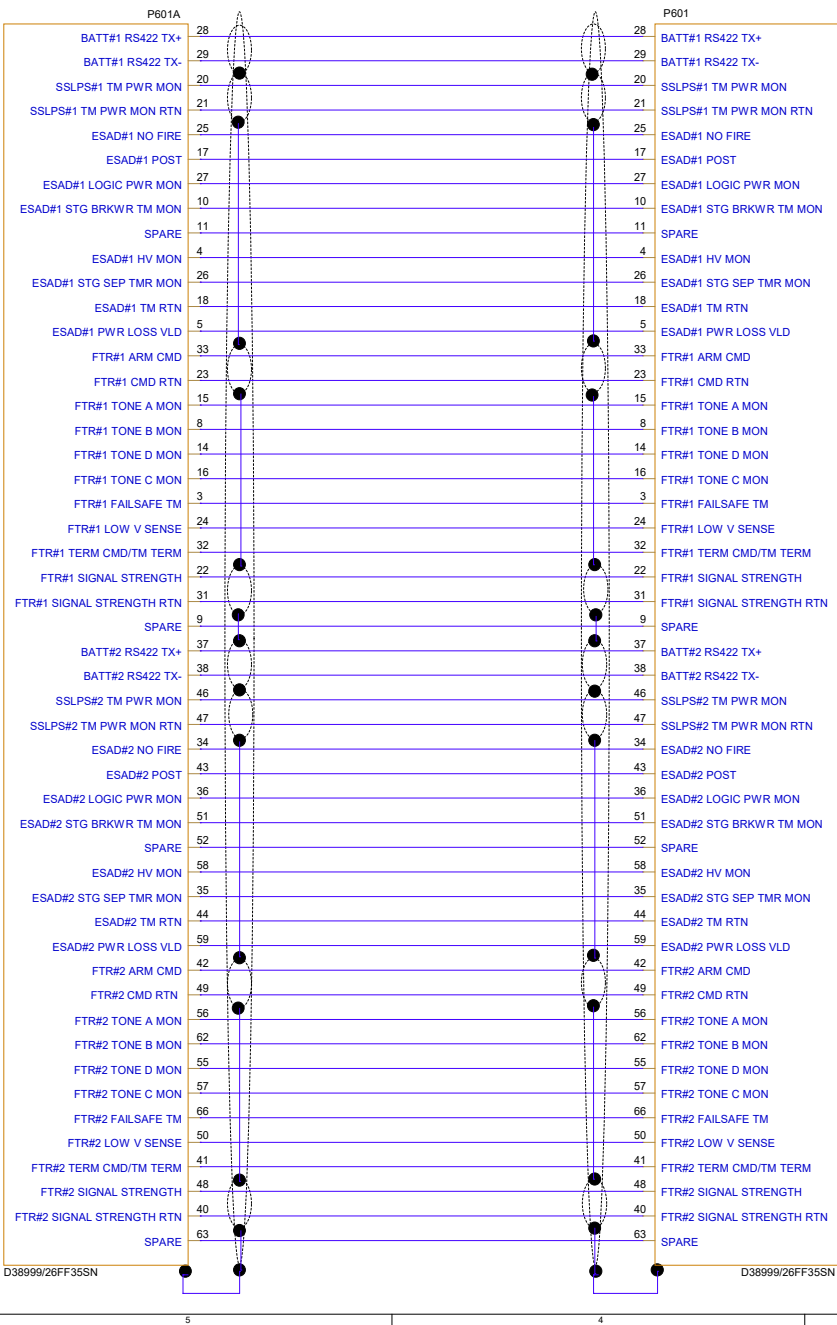



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FTS RF SYSTEM



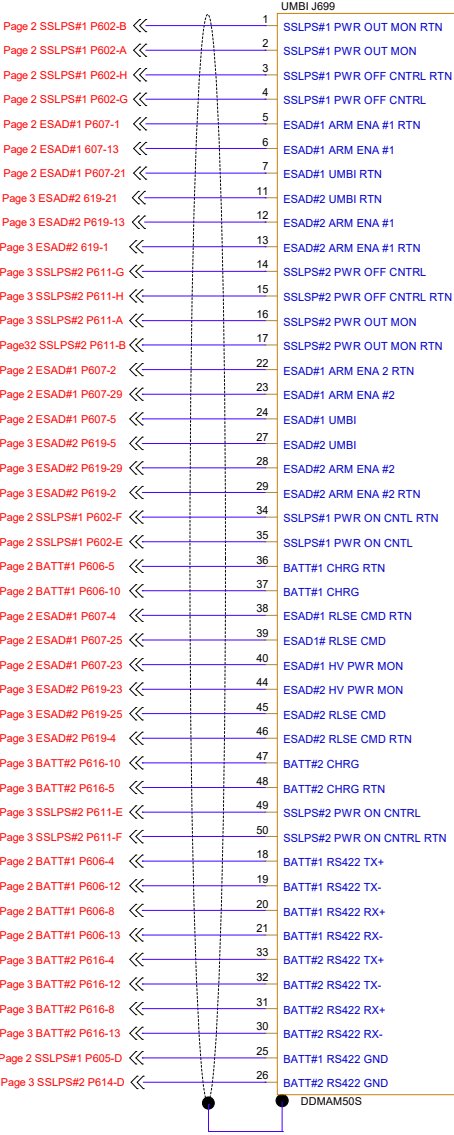
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| MATERIAL LIST | | | | | |
|--|-----------------|--|----------------------------------|---------------------------------|----------------------|
| AR | MBN0.xxSV | METAL OVERBRAID | | | 5 |
| AR | M27500-22RC2S06 | 22AWG, TWSP WIRE | | | 4 |
| 2 | M85049/38-19N | Strain Relief | | | 3 |
| 2 | D38999/26FF35SN | CIRCULAR CONNECTOR, PLUG | | | 2 |
| AR | M22759/11-22-9 | Wire, PTFE, 22 AWG, MIL22759, WHITE | | | 1 |
| QUANTITY | PART NUMBER | DESCRIPTION | MANUFACTURER | NOTE | ITEM NUMBER |
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Notes:

1. This page is for reference only, shielding, twisted pair, and twisted shielded pairs shall be wired per pages 2 &3.



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