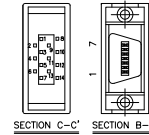


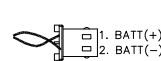
Motor Connector

| SIGNAL | PIN No. |
|--------|---------|
| MA     | 1       |
| SLO    | 2       |
| GND_B  | 3       |
| 0V     | 4       |
| SHIELD | 5       |
| MA     | 6       |
| SLO    | 7       |
| VDD_B  | 8       |
| +5V    | 9       |



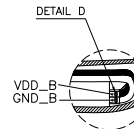
Driver Connector

| SIGNAL | PIN No. |
|--------|---------|
| —      | 1       |
| —      | 2       |
| MA     | 3       |
| MA     | 4       |
| SLO    | 5       |
| SLO    | 6       |
| 0V     | 7       |
| —      | 8       |
| —      | 9       |
| —      | 10      |
| —      | 11      |
| —      | 12      |
| —      | 13      |
| +5V    | 14      |
| SHIELD | PLATE   |



| Pin No. | Encoder           |
|---------|-------------------|
| 1       | BATTERY(VDD_B)    |
| 2       | BATTERY 0V(GND_B) |

Battery Connector



| CABLE PART#     | LENGTH 'L'(m) | LENGTH 'L'(ft) |
|-----------------|---------------|----------------|
| APCS-EN03ES1-AD | 3m            | 9.8ft          |
| APCS-EN05ES1-AD | 5m            | 16.4ft         |
| APCS-EN10ES1-AD | 10m           | 32.8ft         |
| APCS-EN20ES1-AD | 20m           | 65.6ft         |
| APCS-EF03ES1-AD | 3m            | 9.8ft          |
| APCS-EF05ES1-AD | 5m            | 16.4ft         |
| APCS-EF10ES1-AD | 10m           | 32.8ft         |
| APCS-EF20ES1-AD | 20m           | 65.6ft         |

LS ELECTRIC ENCODER FEEDBACK FLEX CABLE, MATING CONNECTORS, 16.4ft/5m CABLE LENGTH, FOR USE WITH ALL 100W - 1 kW  
LS ELECTRIC FBL/FCL SERIES SERVO MOTORS WITH 19-BIT ENCODERS

APCS-EF05ES1-AD

AutomationDirect.com  
1-800-633-0405



3rd  
ANGLE

NOT TO  
SCALE

PART DIMENSIONS MAY DIFFER SLIGHTLY  
DUE TO MANUFACTURER'S VARIANCES

METRIC UNITS USED  
FOR PART DESIGN

UNLESS OTHERWISE  
SPECIFIED UNITS ARE:

mm  
[inch]

LATEST VERSION  
3/9/2022

SHEET 1 OF 1