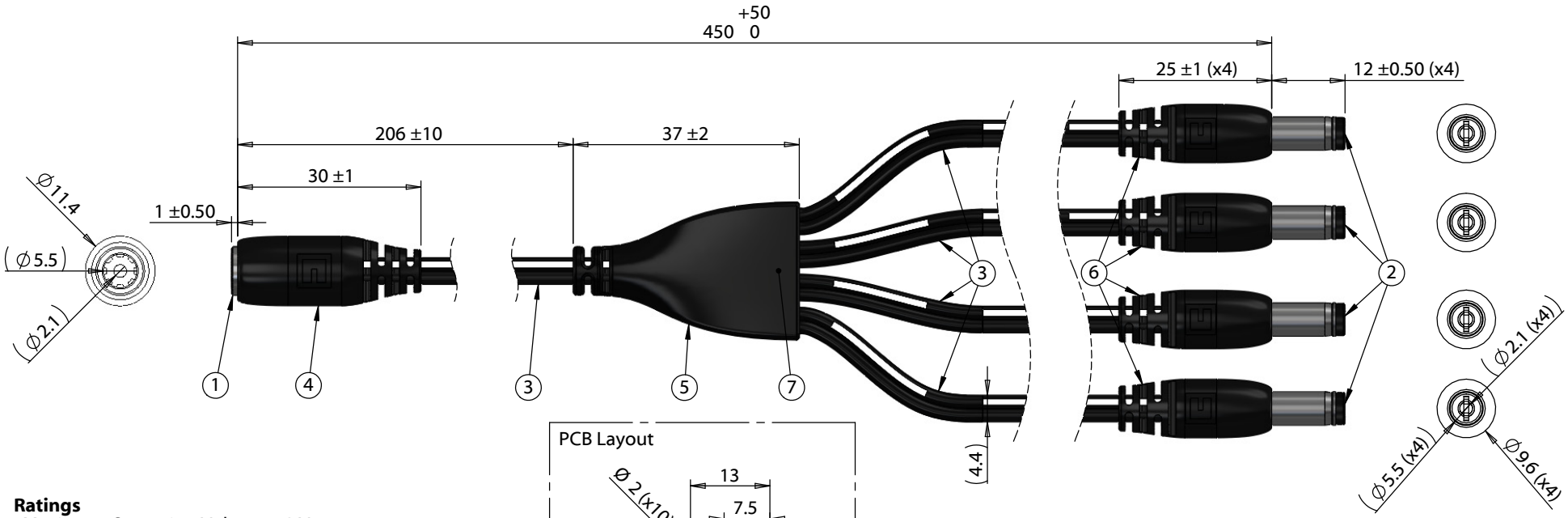
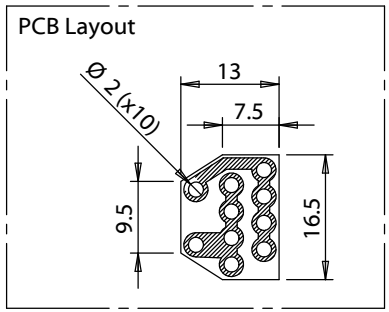
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00025	Connector, dc jack, 5.5x2.1xL17.4 mm, molding style	1	
2	50-00024	Connector, dc plug, 5.5x2.1xL23 mm, molding style, spring contacts, LF	4	
3	30-00007	Wire, 2C BC, 18 AWG, UL2468, 300V, 80C, 4.4 mm, VW-1, PVC	5	
4	24-00004	Overmold	1	black
5	24-00219	Overmold, splitter, Ø 8.0 mm by 10.0x22.6 mm	1	black
6	24-00003	Overmold	4	black
7	PCB	Splitter PCB, FR4, two-layer, tin, 13.0x16.5x1.6 mm	1	





Ratings
Maximum Operating Voltage: 48 V
Maximum Operating Current: 7 A

Operating Temperature Range
-25 ~ 80 °C, relative humidity of 85% or less

Notes:
Functionally equivalent components may be substituted

Wiring Diagram		
50-00025	wire color	50-00024
center	black with stripe	center
sleeve	black	sleeve

Revision:	Date:	Description:
A	4/10/2018	Initial release

Prepared: CR Digitally signed by CR Date: 2026.03.03 10:03:27 -08'00'

Verified: KM Digitally signed by KM Date: 2026.03.06 12:37:33 -08'00'

Dimensions are in millimeters.
Tolerances:
X: ± 0.5 mm
X.X: ± 0.3 mm
X.XX: ± 0.05 mm

Notes:
RoHS and REACH compliant

Function test: no open, no short circuit, no intermittent

Description:
Cable, 450 mm, 5.5x2.1 mm 50-00025 dc jack to y-split to 4x 5.5x2.1x12 mm 50-00024 dc plug, 18 AWG

TENSILITY
tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com

Size: A
Part number: 10-02739
Scale: 1:1
Sheet 1 of 1

5 4 3 2 1

To see a custom version of this cable assembly, call Tensility at 541-323-3228 or email engineering@tensility.com

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