

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	54-00406	Connector, dc jack, 5.5x2.1xL17.6 mm, panel mount, nickel plated, IP67, threaded, nut and washer	1	
2	30-02542	Wire, hook-up, TS, 18 AWG, UL 1332, 300V, 200C, 1.8 mm, FEP, black	1	
3	30-02541	Wire, hook-up, TS, 18 AWG, UL 1332, 300V, 200C, 1.8 mm, FEP, red	1	
4	32-00018	Heat shrink, 2.4 mm ID, EVA, 2:1 ratio, UL VW-1, thin wall	2	black, covers solder joints

Installation Details
Panel thickness: 1.5 - 4.5
Recommended panel cutout:

Wiring Diagram

Hook up wires	wire color
center	red (30-02541)
sleeve	black (30-02542)

Note:
Functionally equivalent components may be substituted
Ratings: 48 Vdc, 12.75 A

Revision:	Date:	Description:	Prepared:	Notes:	TENSILITY tel 1.541.323.3228 800 877.670.7118 fax 1.541.323.4202 web tensility.com		
A	05/12/2025	Initial release	Verified:	RoHS compliant			
			Dimensions are in millimeters.	Function test: no open, no short circuit, no intermittent			
			Tolerances: X: ± 0.5 mm X.X: ± 0.3 mm X.XX: ± 0.05 mm	Description: Cable, 305 mm, 5.5x2.1 mm 54-00406 dc panel mount jack to stripped and tinned, 18 AWG, UL 1332 hook-up wire, IP67			
					Size: A	Part number: 10-06257	
					Scale: 1:1		Sheet 1 of 1