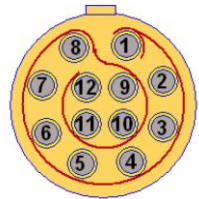


# Cable, GPSONe, Breakout, to PWR, NMEA, 1PPS

Doc. No. 15209-0001X-ASY

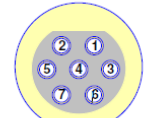
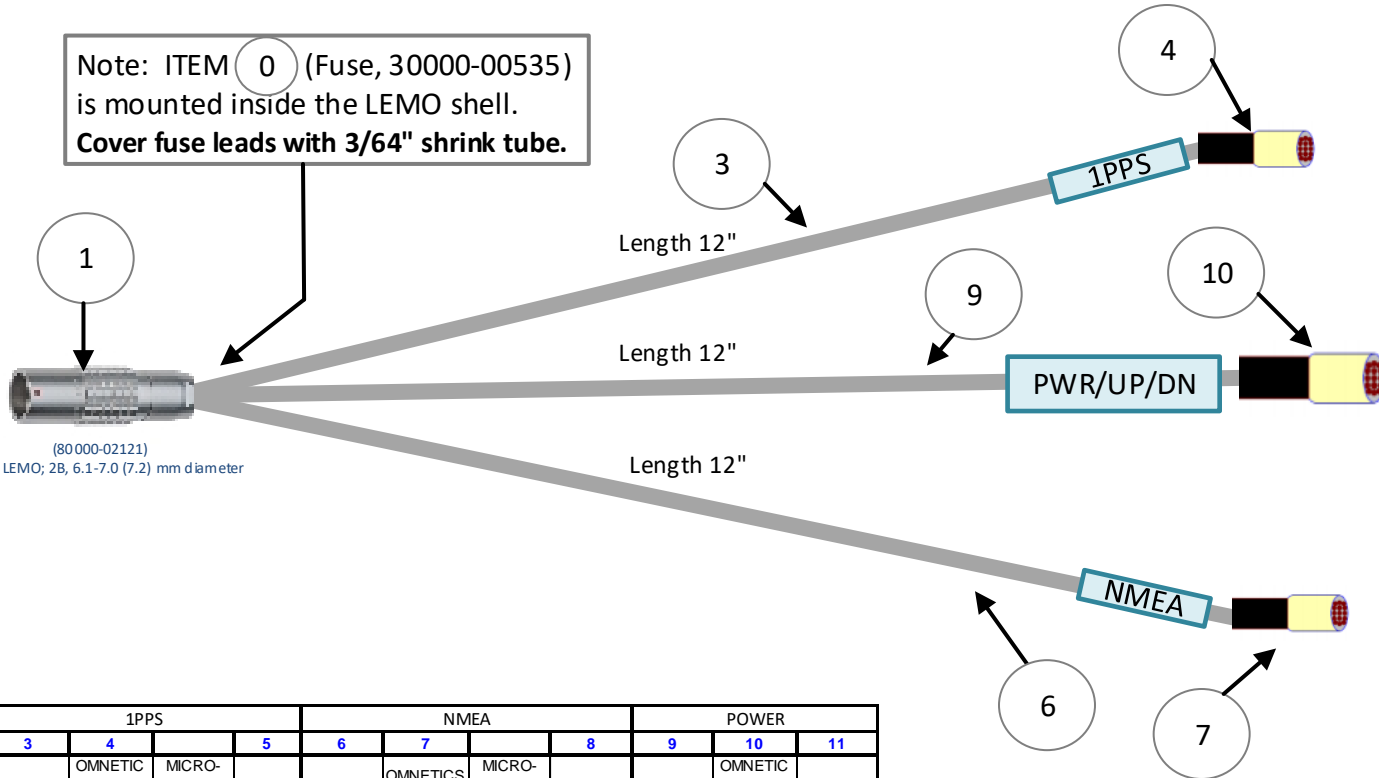
REV	DESCRIPTION	DATE	APPR
X1	CABLE, GPSONe, BREAKOUT	5-Dec-17	
X2	Dc: removed splice, all wires mount to pins, fuse re-drawn	18-Dec-17	
X3	ARM: Updated Wiring List (removed No Connects Section, removed Pin 7/12 from Power Omnetics Cable), Updated LEMO view to solder-cup. Added collet size note	22-Dec-17	
0	Added p/n description, corrected LEMO P/N (DTS)	10-Jan-18	
1	Swapped pin 5 w/ 10, and pin 6 w/ 12	24-Jan-18	
2	Cover fuse leads with 3/64" shrink tube.	2-Feb-18	

Note: ITEM 0 (Fuse, 30000-00535) is mounted inside the LEMO shell. Cover fuse leads with 3/64" shrink tube.

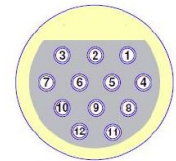


12-pin LEMO (F) rear view

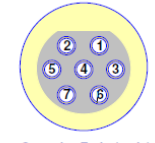
(80000-02121)  
Collet, LEMO; 2B, 6.1-7.0 (7.2) mm diameter



Omnetics 7-pin (male) MCP-7-SS (Rear View)




Omnetics MCP-12 (rear view)



Omnetics 7-pin (male) MCP-7-SS (Rear View)

0	GPS		1PPS			NMEA			POWER		
	1	2	3	4	5	6	7	8	9	10	11
	LEMO PHA2B.312. CLLD82 (80000-02178) (Female Side)	Function	COONER (70003-00027) 5 COND; 28AWG	OMNETIC S MCP-07 (80000-04019) (Male Side)	MICRO-CARD (22005-00001) Function	COONER (70003-00027) 5 COND; 28AWG	OMNETICS MCP-07 (80000-04019) (Male Side)	MICRO-CARD (22005-00001) Function	COONER (70003-00027) 5 COND; 28AWG	OMNETIC S MCP-12 (80000-04030) (Male Side)	Function
			4	Blue	+ID		4	Blue	+ID		
			5	Black	-ID		5	Black	-ID		
	3	TXA / NMEA				White	2		-SIG		
70003-00015	9	GND				Black	6		-EX		
70003-00015	1									Black	8
	8	GND									
	6										
	7	RXB / GND	Black	6							
	5	1PPS	White	2							
	12	VIN									
RXE030 (30000-00535)	11										
	10	VIN								Red	5



**DTS**  
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**TITLE:** CABLE, GPSONe, BREAKOUT to PWR, NMEA, PPS

PROJECT	DOCUMENT NUMBER	REV	SHEET	SIZE
GPS	15209-0001X	2	1	

**FILE NAME:** 15209-0001X-ASY

DATE CREATED	BY	LAST REVISED	BY	APPROVED
5 Dec 2017	AM	2 Feb 2018	TR	JP