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▲ Molex 36792-1201
MX120G 12-way receptacle housing

Crimp sockets 20-22 AWG:
Molex 36799-0002

Fill up cavities with these plugs:
Molex 36804-0001

▲ Junction halfway cable
Soldered and isolated with
4 cm shrink tube

▲ Molex 43020-1601
Micro-Fit 3.0 16-way plug housing

Crimp Plug Contacts 20-24 AWG:
Molex 43031-0009

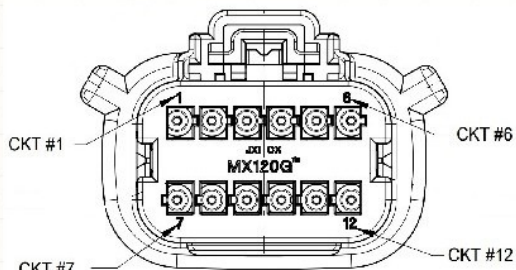


pin 1 (BAT+)	red	pin 2 (BAT+)
pin 7 (BAT-)	black	pin 1 (BAT-)
pin 6 (D-GND)	black	
pin 8 (DO-1)	green	pin 15 (SW1)
pin 3 (DO-2)	green	pin 7 (SW2)
pin 2 (DO-3)	green	pin 10 (SW3)
pin 5 (DO-4)	green	pin 4 (SW4)
pin 9 (DI-1)	yellow	pin 13 (CHARGE LOCK)
pin 4 (DI-2)	yellow	pin 12 (CONFIG)
pin 10 (DI-3)	yellow	pin 14 (R1)

▲ Conductors : 20AWG
Wire thickness : 1.6 mm
Cable length : 25 cm



FRONT VIEW



REAR VIEW

1

1

2

2

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	De Haardt b.v.			
		DIMENSIONS ARE IN INCHES		DRAWN	GRUI	2020-12-15	TITLE Xtra.EV Transponder MK2 - Compatibility harness		
		TOLERANCES: FRACTIONAL ±		CHECKED					
		ANGULAR: MACH ± BEND ±		ENG APPR.					
		TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±		MFG APPR.					
		INTERPRET GEOMETRIC TOLERANCING PER:		Q.A.			SIZE DWG. NO.		
		MATERIAL		COMMENTS:					
		FINISH					SCALE: 1:1 WEIGHT: SHEET 1 OF 1		
NEXT ASSY	USED ON								
APPLICATION		DO NOT SCALE DRAWING							

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