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Network Protocol E=Ethernet	First Connector 1=M12 Threaded 4 Pole D-code	Second Connector 0=No Connector	Wiring Scheme A=4 Pole	HEAD TYPE 007 Plugs male 90° and single ended	Cable type 2x2x22AWG TPU, GREEN, SHIELD	LENGTH UNIT C-cm M-m K-km F-feet	LENGTH Example: 020 - 2M 050 - 5M 100 - 10M 200 - 20M	OPTIONS D- Decoupled (for Shielded version only)
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CABLE INFORMATION :

CABLE TYPE	WIRE GAUGE	CABLE JACKET	UL	CSA	STATIC	FLEXING	DRAG CHAIN TESTED	OTHER
CAB-12 4P	0.34mm ²	TPU GREEN	STYLE 21215	YES	-40°C to +80°C >5xO.D	-20°C to +60°C >15xO.D	2 mio cycles	WELD SLAG RESISTANCE

CONNECTOR SPECIFICATION:

VOLTAGE RATING	max 30V
AMPERAGE RATING	1.5 A
PROTECTION	IP67
OPERATING TEMPERATURE	SEE SHEET 2

FOR CABLE SPECIFICATION SEE 1202098313 / SD-120209-007

BOM

ITEM	DESCRIPTION	MATERIAL	FINISH
5	CABLE	TPU	GREEN
4	OVERMOULDING	TPU	BLACK
3	COUPLING NUT MA SW13	BRASS	NICKEL PLATED
2	PIN CONTACT	COPPER ALLOY	GOLD OR NICKEL PLATED
1	INSERT	PUR	BLACK

TABLE OF LENGHT TOLERANCES

OVER (m)	UP TO AND INCLUDING (m)	TOLERANCE (mm)(+)
0	1	+40/0
1	5	+60/0
5	10	+80/0
10	20	+140/0
20	30	+160/0
30	-	1% of lenght

CHART 1

MOLEX PN	ENGINEERING NO	LENGTH (MM)
1300480312	E10A00712M020	2000
1300480300	E10A00712M050	5000
1300480301	E10A00712M100	10000
1300480302	E10A00712M200	20000
1300488191	E10A00712M005	500
1300488209	E10A00712M015	1500

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	CURRENT REV DESC: ADD NEW PN					
	DIMENSION UNITS: mm SCALE: 1:1 GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± 1.0° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.3 0 PLACES ± 0.5 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	EC NO: 613101 DRWN: MDHARMANTI 2019/03/04 CHK'D: RSILLER 2019/03/05 APPR: RSILLER 2019/03/05	INITIAL REVISION: DRWN: BBRAUCH 2014/10/16 APPR: CBURGER 2014/10/16				
THIRD ANGLE PROJECTION 	DRAWING: A3-SIZE	SERIES: 130048	MATERIAL NUMBER: SEE CHART 1	CUSTOMER: WOODHEAD	SHEET NUMBER: 1 OF 1		