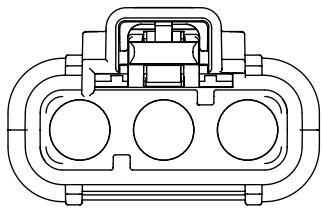
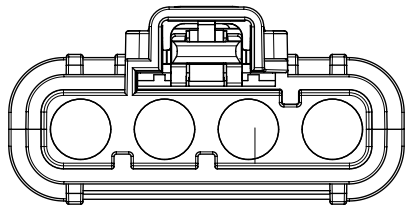


X (1:1) – 3pol.

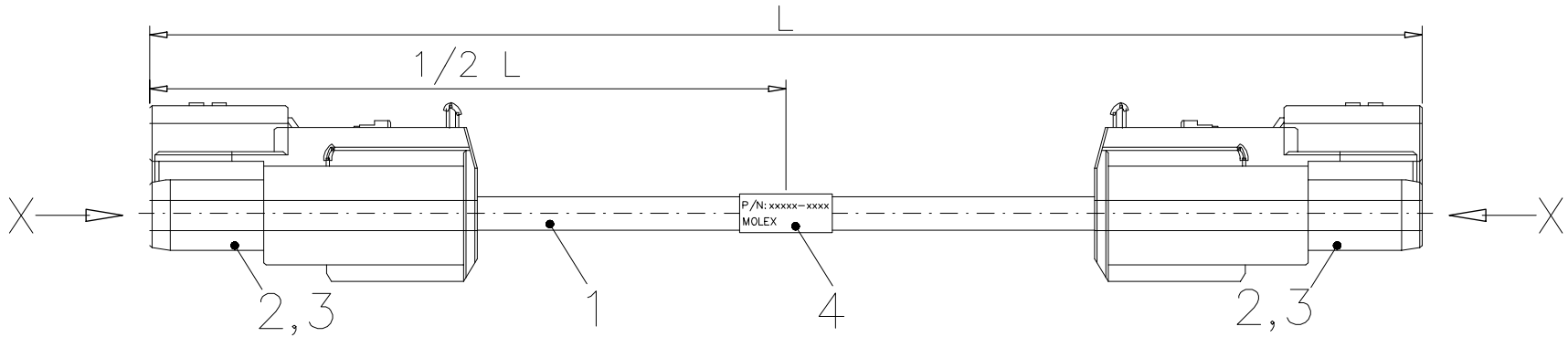


X (1:1) 4pol.



Side A

Side B



Wiring diagram:

A	Side	B
Housing female, 3pol.	Color	Housing female, 3pol.
1	black	3
2	black	2
3	black	1

Ⓢ

A	Side	B
Housing female, 4pol.	Color	Housing female, 4pol.
1	black	4
2	black	3
3	black	2
4	black	1

Ⓢ

P/N: xxxxx-xxxx MOLEX	L	Wire AWG pos.1	Contact pos.2	Description
45141-0301	300 ±5	AWG8	Female 40A	3 Circuit CPA MultiCat 300MM
45141-0310	1000 ±10	AWG8	Female 40A	3 Circuit CPA MultiCat 1M
45141-0302	300 ±5	AWG12	Female 20A	3 Circuit CPA MultiCat 300MM
45141-0311	1000 ±10	AWG12	Female 20A	3 Circuit CPA MultiCat 1M
45141-0303	300 ±5	AWG16	Female 10A	3 Circuit CPA MultiCat 300MM
45141-0312	1000 ±10	AWG16	Female 10A	3 Circuit CPA MultiCat 1M

P/N: xxxxx-xxxx MOLEX	L	Wire AWG pos.1	Contact pos.2	Description
45141-0401	300 ±5	AWG8	Female 40A	4 Circuit CPA MultiCat 300MM
45141-0410	1000 ±10	AWG8	Female 40A	4 Circuit CPA MultiCat 1M
45141-0402	300 ±5	AWG12	Female 20A	4 Circuit CPA MultiCat 300MM
45141-0411	1000 ±10	AWG12	Female 20A	4 Circuit CPA MultiCat 1M
45141-0403	300 ±5	AWG16	Female 10A	4 Circuit CPA MultiCat 300MM
45141-0412	1000 ±10	AWG16	Female 10A	4 Circuit CPA MultiCat 1M

NOTES:
1. ELECTRICAL PERFORMANCE:
1.1 CURRENT RATING:
ACCORDING TO USED CONTACT (10A, 20A, 40A)

1.2 PERFORMANCE VOLTAGE RATING: 600V AC.

1.3 THIS PRODUCT PASS 100% CONTINUITY TEST: WIRE TO WIRE 10V/0.05 SEC.
1) DIELECTRONIC STRENGTH: 3000 V AC/0.01 SEC.
2) INSULATION RESISTANCE: 50 MOHM.

2. MECHANICAL PERFORMANCE:
2.1 MINIMUM DYNAMIC BEND REDIUS:
10 x OUTER DIAMETER
2.2 MINIMUM STATIC BEND REDIUS:
5 x OUTER DIAMETER
2.3 MATING CYCLES: 500

3. TEMPERATURE:
3.1 OPERATING TEMPERATURE: -55°C to +155°C

4. ALL MATERIALS MEET RoHS 2011/65/EU.

5. WIRE UL1199

6. WIRE OUTER DIAMETER:
AWG16 2,5 MM
AWG12 3,3 MM
AWG8 5,8 MM

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																
<div><div>FA</div><div>= 0</div></div>	EC NO: 116915 DRWN: CSSHYAMANNA CHK'D: RBBHASKAR APPR: SD	2017/05/11 2017/05/15 2017/05/15	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS		SCALE		<div>molex®</div> <div>3/4 CIRCUIT CPA MULTICAT FEMALE</div> <div>PRODUCT CUSTOMER DRAWING</div>									
<div><div>FB</div><div>= 0</div></div>				MM		NTS											
<div><div>FC</div><div>= 0</div></div>				DRWN BY		DATE											
<div><div>FD</div><div>= 0</div></div>				ANGULAR TOL ± °		CSSHYAMANNA		2017/05/11									
<div><div>FE</div><div>= 0</div></div>				4 PLACES ±		CHK'D BY		DATE									
<div><div>FF</div><div>= 0</div></div>				3 PLACES ±		RBBHASKAR		2017/05/15									
<div><div>FG</div><div>= 0</div></div>				2 PLACES ±		APPR BY		DATE		SERIES 45141							
<div><div>GH</div><div>= 0</div></div>				1 PLACE ±		SD		2017/05/15						MATERIAL NUMBER SEE CHART		CUSTOMER GENERAL MARKET	
<div><div>GI</div><div>= 0</div></div>				0 PLACES ±		DRAWING SIZE A3		THIRD ANGLE PROJECTION		DOCUMENT NUMBER 451410301		DOC TYPE PSD		DOC PART 000		SHEET NUMBER 1 OF 1	
<div><div>HA</div><div>= 0</div></div>				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS													
<div><div>HB</div><div>= 0</div></div>	B	REV															
<div><div>HC</div><div>= 0</div></div>																	