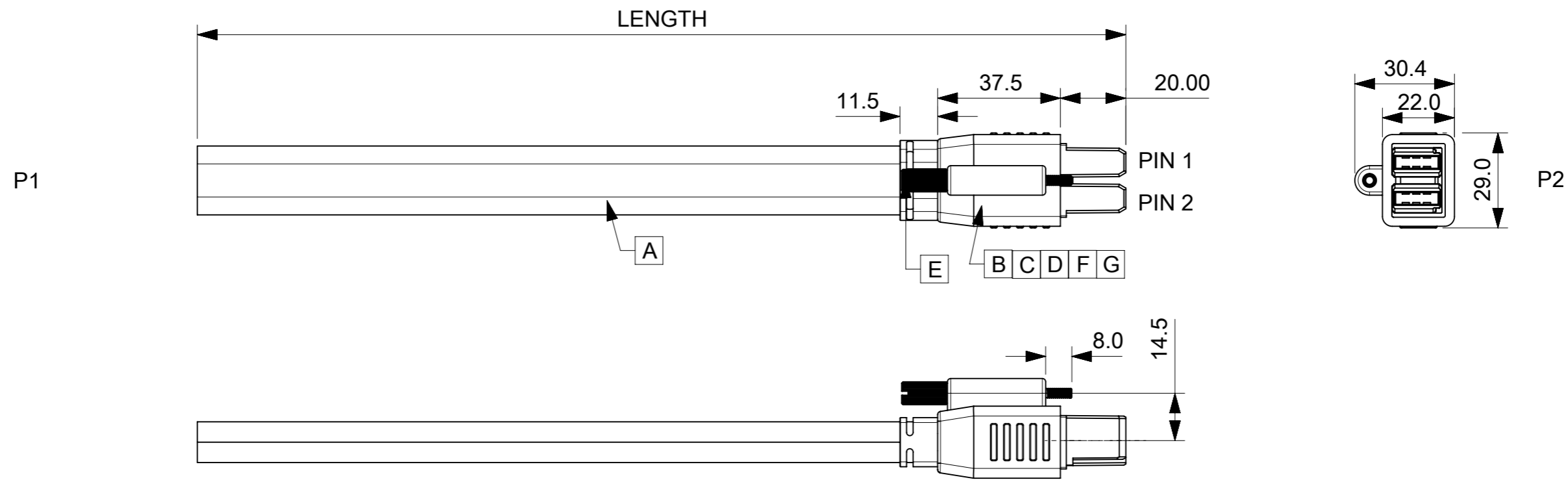


REVISION				
EC No.	DATE	REV.	DESCRIPTION	CHANGER
	2021.03.08	A1	INITIAL RELEASE	LUCY



WIRING CHART		
P1	COLOR	P2
Pigtail	RED	1
	BLACK	2

G	PVC RESIN FOR INNERMOLD	A/R	
F	PVC RESIN, BLK FOR OVERMOLD	A/R	
E	M3 Screw L-52mm		1
D	Guardian TPA 2 ckt		1
C	Guardian TERM, 6AWG CRIMP, GOLD		2
B	Guardian Crimp Rec Hsg 2ckt 6 AWG		1
A	2CX6AWG;UNSH;PVC;BK;12.00*21.00MM;UL2586	A/R	
ITEM	DESCRIPTION	L(mm)	Q'TY

FUNCTIONAL SYMBOLS $\nabla_A = 0$ $\nabla_E = 0$ $\nabla_F = 0$ DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SCALE 1:1				
	GENERAL TOLERANCES (UNLESS SPECIFIED)	CURRENT REV DESC:				
	ANGULAR TOL ± °	EC NO: 658092	2021/03/08	PRODUCT CUSTOMER DRAWING		
	4 PLACES ±	DRWN: LLI205	2021/03/15			
3 PLACES ±	CHK'D: LLI205	2021/03/15	DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
2 PLACES ± 0.25	APPR: YXZOU	2021/03/15	2012344457	PSD	000	A1
1 PLACE ± 0.5	INITIAL REVISION:	2020/07/21	MATERIAL NUMBER CUSTOMER SHEET NUMBER			
0 PLACES ±	DRWN: LLI205	2021/03/15				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING	SERIES	SEE TABLE		
		A3-SIZE	201234	GENERAL MARKET	1 OF 2	

EWR NO.	MOLEX P/N	DESCRIPTION	LENGTH
EWR200124	2167592025	2pin Guardian ST to pigtail 6 AWG 2M	2000±40
EWR200125	2167592026	2pin Guardian ST to pigtail 6 AWG 4M	4000±80
EWR200126	2167592027	2pin Guardian ST to pigtail 6 AWG 6M	6000±100

NOTES:

1. ELECTRICAL PERFORMANCE:

1.1 MAXIMUM CURRENT RATING: 60 AMPS PER PIN.

(EACH APPLICATION SHOULD BE EVALUATED BY THE END USER FOR COMPLIANCE TO SPECIFIC SAFETY AGENCY REQUIREMENTS. THE RATING IS PROVIDED AS REFERENCE. APPROPRIATE DE-RATING IS REQUIRED BASED ON AMBIENT CONDITIONS, COPPER TRACE SIZE ON THE PCB, GROSS HEATING FROM ADJACENT MODULES/ COMPONENTS AND OTHER FACTORS THAT INFLUENCE CONNECTOR PERFORMANCE.)

1.2 MAXIMUM VOLTAGE RATING: 600V

1.3 THIS PRODUCT MUST 100% PASS CONTINUITY TEST.

1.4 DIELECTRIC STRENGTH: 1000 V DC/0.01S

1.5 INSULATION RESISTANCE: 10M OHM/MIN.

1.6 MAXIMUM CONDUCTOR RESISTANCE:

2.0 OHM/MAX. for 2M CABLE

2.2 OHM/MAX. for 4M CABLE

2.5 OHM/MAX. for 6M CABLE

2. MECHANICAL PERFORMANCE:

2.1 THE P2 SIDE CAN WITHSTAND 300N PULL FORCE STRAIGHT INLINE FOR ONE MINUTE

2.2 THE P2 SIDE CAN WITHSTAND 300N PULL FORCE AT 90°LOADING FOR ONE MINUTE.

2.3 THE P2 SIDE CAN WITHSTAND 300N PULL FORCE AT 45°LOADING FOR ONE MINUTE.

3. TEMPERATURE:

3.1 OPERATING TEMPERATURE: -40 TO 105 DEG C.

(INCLUDING 30°C T-RISE FROM APPLIED CURRENT)

4. THIS PRODUCT MUST COMPLY WITH 2015/863 EU ROHS REQUIREMENT.

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		<b>molex</b>			
	$\nabla_A = 0$ $\nabla_B = 0$ $\nabla_C = 0$	DIMENSION UNITS: <b>mm</b> SCALE: <b>1:1</b>	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± °			SEE TABLE		
DIVISIONAL SYMBOLS	4 PLACES ±	EC NO: 658092	DRWN: LLI205	2021/03/08	PRODUCT CUSTOMER DRAWING			
	3 PLACES ±					CHK'D: LLI205	2021/03/15	
	2 PLACES ± 0.25	APPR: YXZOU	2021/03/15	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
	1 PLACE ± 0.5	INITIAL REVISION:	DRWN: LLI205	2020/07/21		2012344457	PSD	000
0 PLACES ±	APPR: YXZOU	2021/03/15						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER	
			A3-SIZE	201234	SEE TABLE	GENERAL MARKET	2 OF 2	

DOCUMENT STATUS	P1	RELEASE DATE	2021/03/15 07:25:12
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