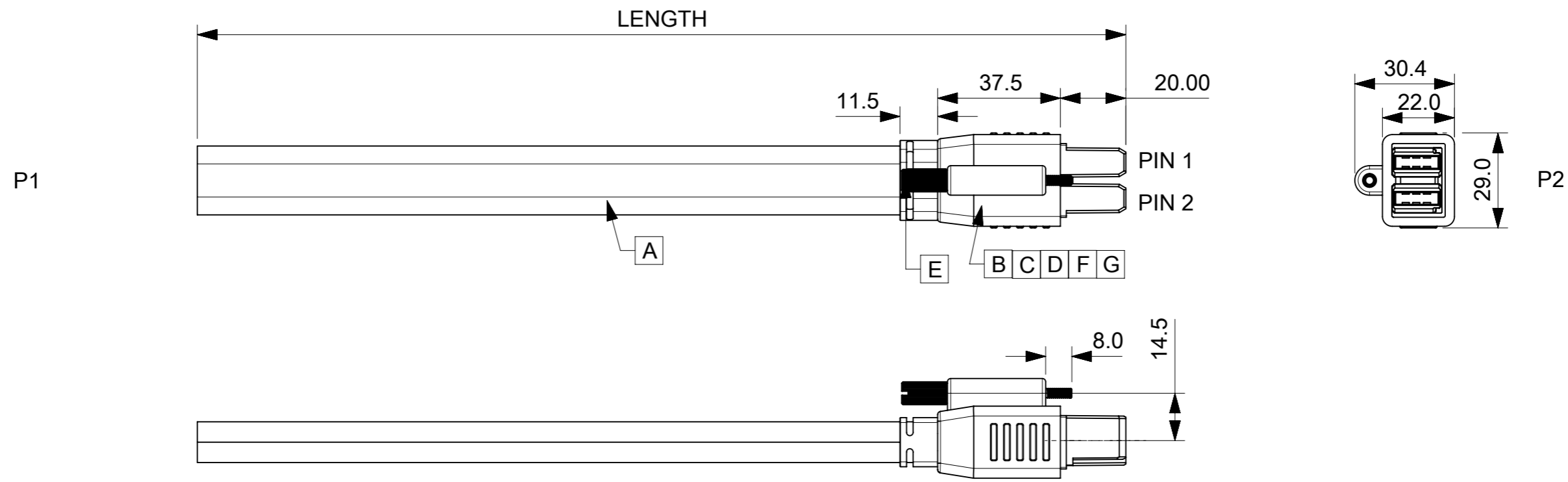


REVISION				
EC No.	DATE	REV.	DESCRIPTION	CHANGER
	2021.03.08	A1	INITIAL RELEASE	LUCY



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 DIMENSION UNITS: mm SCALE: 1:1 GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.25 1 PLACE ± 0.5 0 PLACES ±	CURRENT REV DESC: EC NO: 658092 DRWN: LLI205 CHK'D: LLI205 APPR: YXZOU INITIAL REVISION: DRWN: LLI205 APPR: YXZOU	molex				
				SEE TABLE			
				PRODUCT CUSTOMER DRAWING			
				DOCUMENT NUMBER	DOC TYPE	DOC PART	REVISION
			2012344457		PSD	000	A1
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS THIRD ANGLE PROJECTION 			DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
			A3-SIZE	201234	SEE TABLE	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:		molex					
	DIMENSION UNITS	SCALE								
$\nabla_A = 0$	mm	1:1	EC NO: 658092 DRWN: LLI205 CHK'D: LLI205 APPR: YXZOU		SEE TABLE					
$\nabla_E = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)									
$\nabla_F = 0$	ANGULAR TOL ± °									
DIVISIONAL SYMBOLS	4 PLACES	±	INITIAL REVISION: DRWN: LLI205 APPR: YXZOU		PRODUCT CUSTOMER DRAWING					
	3 PLACES	±								
	2 PLACES	± 0.25								
	1 PLACE	± 0.5								
0 PLACES	±	2021/03/15		DOCUMENT NUMBER						
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	DOC TYPE	DOC PART	REVISION
				A3-SIZE	201234	2012344457	GENERAL MARKET	PSD	000	A1
DOCUMENT STATUS		P1	RELEASE DATE	2021/03/15	07:25:12					