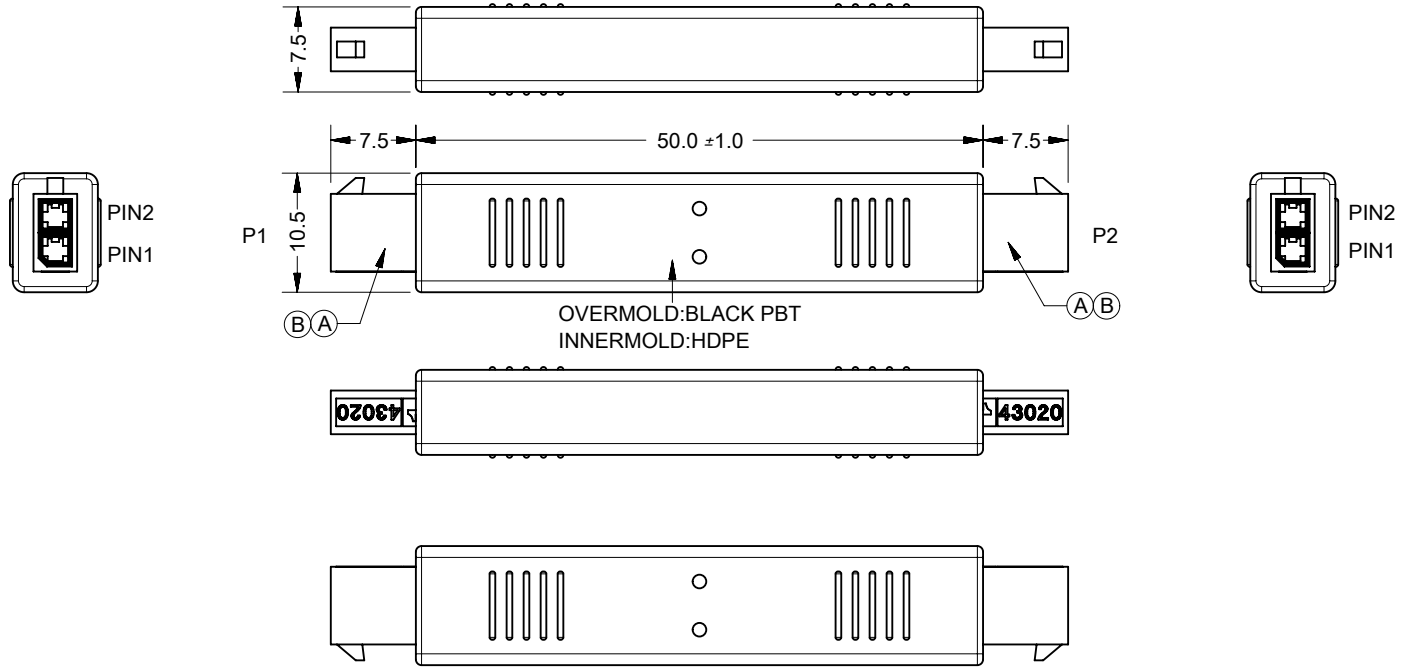
REVISIONS				
EC NO	DATE	REV	DESCRIPTION	CHANGER
NA	2018/01/31	A	INITIAL RELEASE	ZHANGFAN



WIRING CHART		
P1	WIRE COLOR	P2
PIN 1	BLACK	PIN 1
PIN 2	BLACK	PIN 2

ITEM	PN	DESCRIPTION	L(mm)	Q'TY
E		Black PBT resin to overmold		
D		HDPE resin to innermold		
C		20AWG;PLATED;PVC;BK;OD=1.76MM;UL1007		
B	430310001	MicroFit 3.0 M Crp Term Chn Tin 20-24		
A	430200201	2 CKT Micro-fit housing		

NOTES:
1. APPLICATION CONDITION:
   1.1 CURRENT RATING: 4.5 AMPS.
   (EACH APPLICATION SHOULD BE EVALUATED BY THE END USER FOR COMPLIANCETO 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 VOLTAGE RATING: 300V/DC.
2. ELECTRICAL PERFORMANCE:
   THIS PRODUCT MUST PASS 100% CONTINUITY TEST PER MOLEX ES-000.
3. TEMPERATURE:
   OPERATING TEMPERATURE: -20 TO 80 C DEG.
   (INCLUDING T-RISE FROM APPLIED CURRENT)
4. THE PRODUCT CAN MEET 2011/65 EU ROHS.

RELEASE STATUS	P1	RELEASE DATE	2018/02/08 06:43:37

FORMAT: master-tb-prod-A4
REVISION: G
DATE: 2017/02/06

QUALITY SYMBOLS
= 0
= 0
= 0
= 0
= 0
= 0
= 0
= 0

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

EC NO: 172042 2018/01/31
DRWN: ZZXIAN 2018/01/31
CHK'D: LHLIU
APPR: FNIE 2018/02/08

REV
A

GENERAL TOLERANCES (UNLESS SPECIFIED)	
ANGULAR TOL ±	°
4 PLACES	±
3 PLACES	±
2 PLACES	±
1 PLACE	±
0 PLACES	±

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS	SCALE
mm	1.5:1
DRWN BY	DATE
ZZXIAN	2018/01/31
CHK'D BY	DATE
ZZXIAN	2018/01/31
APPR BY	DATE
FNIE	2018/02/08
DRAWING SIZE	THIRD ANGLE PROJECTION
A4	

molex®

MICROFIT 2CKT 50MM OM

PRODUCT CUSTOMER DRAWING

SERIES	MATERIAL NUMBER	CUSTOMER
201440	2451320299	GENERAL MARKET

DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
2014400168	PSD	001	1 OF 1