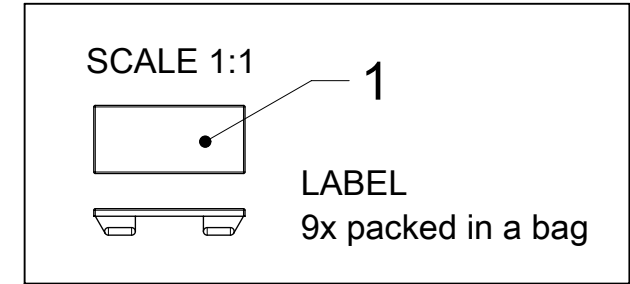


TABLE 1

MOLEX P/N	ENG. NO.	CABLE LENGTH (mm)	LED
1202480108	BTB8050-FBW-02	2000	NO
1202480046	BTB8050-FBW-05	5000	NO
1202480047	BTB8050-FBW-10	10000	NO
1202480048	BTB8050-FBW-15	15000	NO
1202480049	BTB805P-FBW-05	5000	YES
1202480050	BTB805P-FBW-10	10000	YES
1202480051	BTB805P-FBW-15	15000	YES
1202480052	BTB805N-FBW-05	5000	YES
1202480053	BTB805N-FBW-10	10000	YES
1202480054	BTB805N-FBW-15	15000	YES

TABLE 2 BILL OF MATERIAL

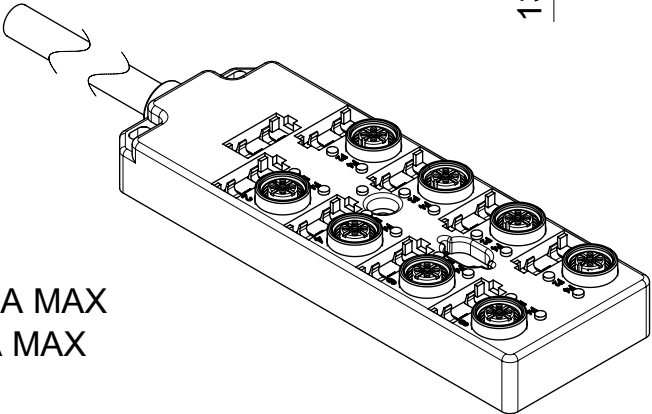
ITEM	DESCRIPTION	MATERIAL	FINISH
1	LABEL	ABS	WHITE
2	CABLE PLATE	PBT	BLACK
3	CABLE	TPU BASED	BLACK
4	CONTACT	BRONZE	GOLD OVER NICKEL
5	O-RING	FPM	RED
6	LED	NON LED = PA WITH LED = PA	BLACK TRANSPARENT
7	SHELL	BRASS	NICKEL PLATED
8	HOUSING	PBT	BLACK



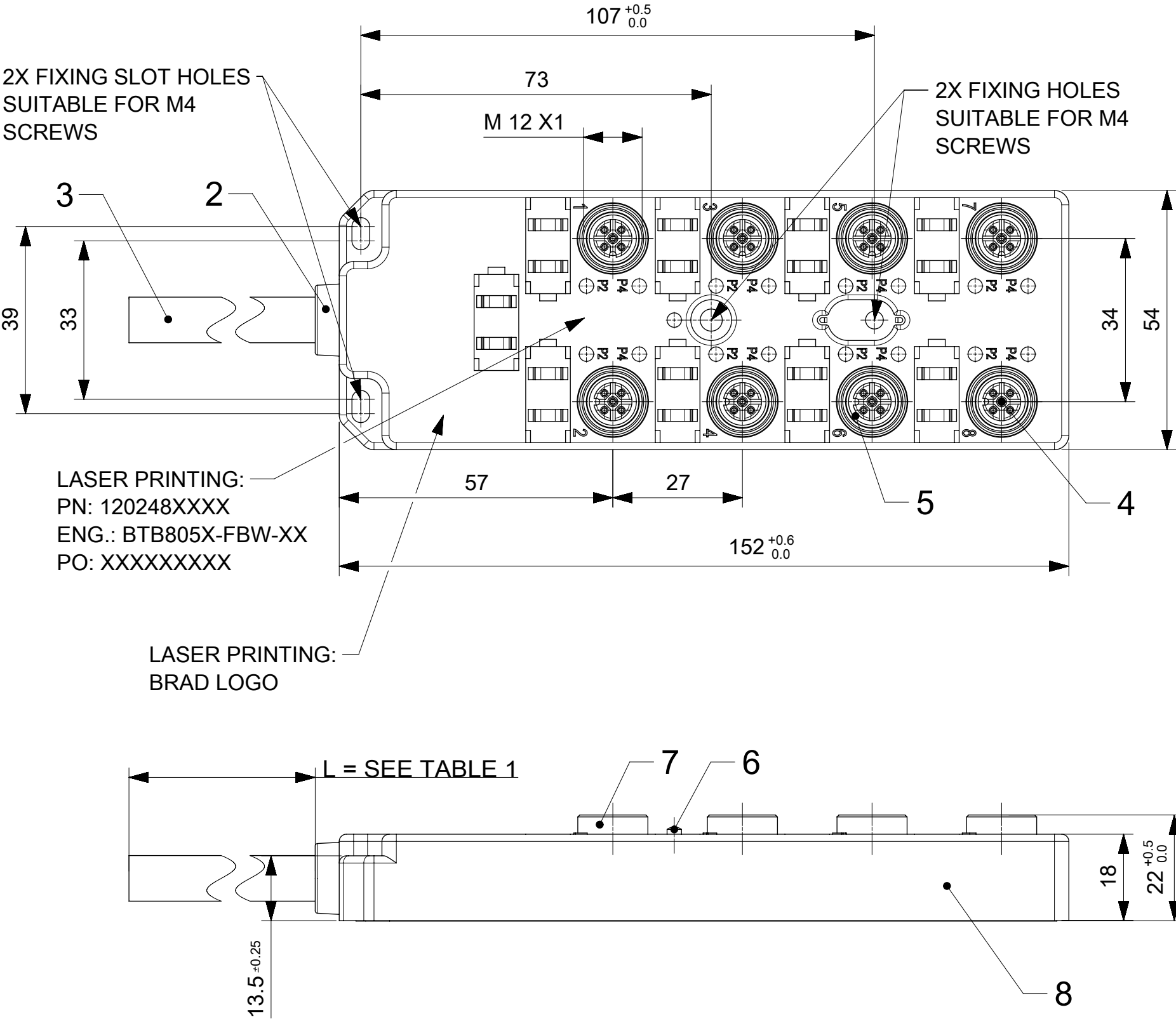
GENERAL CHARACTERISTICS:

ELECTRICAL AND MECHANICAL DATA ACC. TO IEC 61076-2-101

NOMINAL VOLTAGE: 10-30 V DC
AMPERE RATING: 4 A PER PORT / 12 A MAX
AMPERE RATING WITH UL REGISTRATION: 3 A PER PORT / 9 A MAX
IP DEGREE OF PROTECTION: IP 67
TEMPERATURE RANGE: -25°C to + 85°C

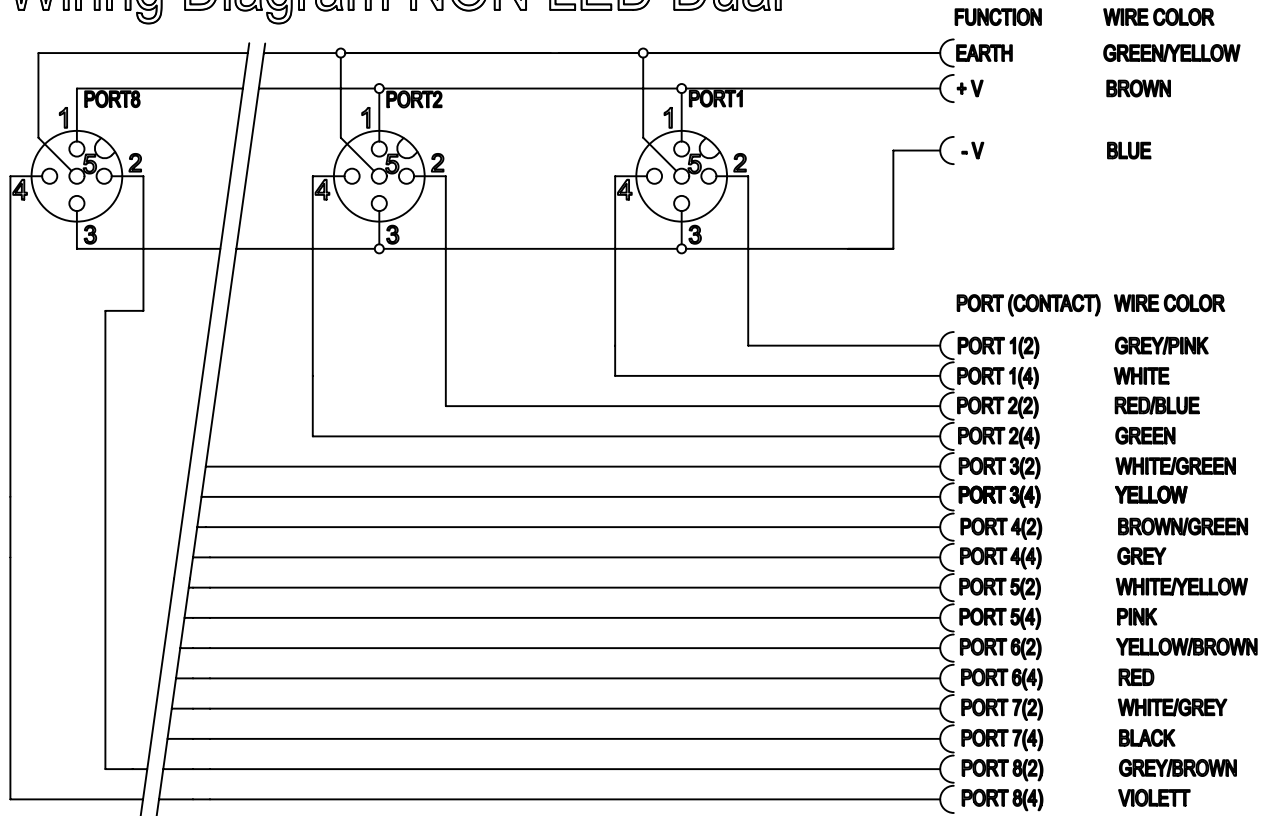


SCALE 1:2

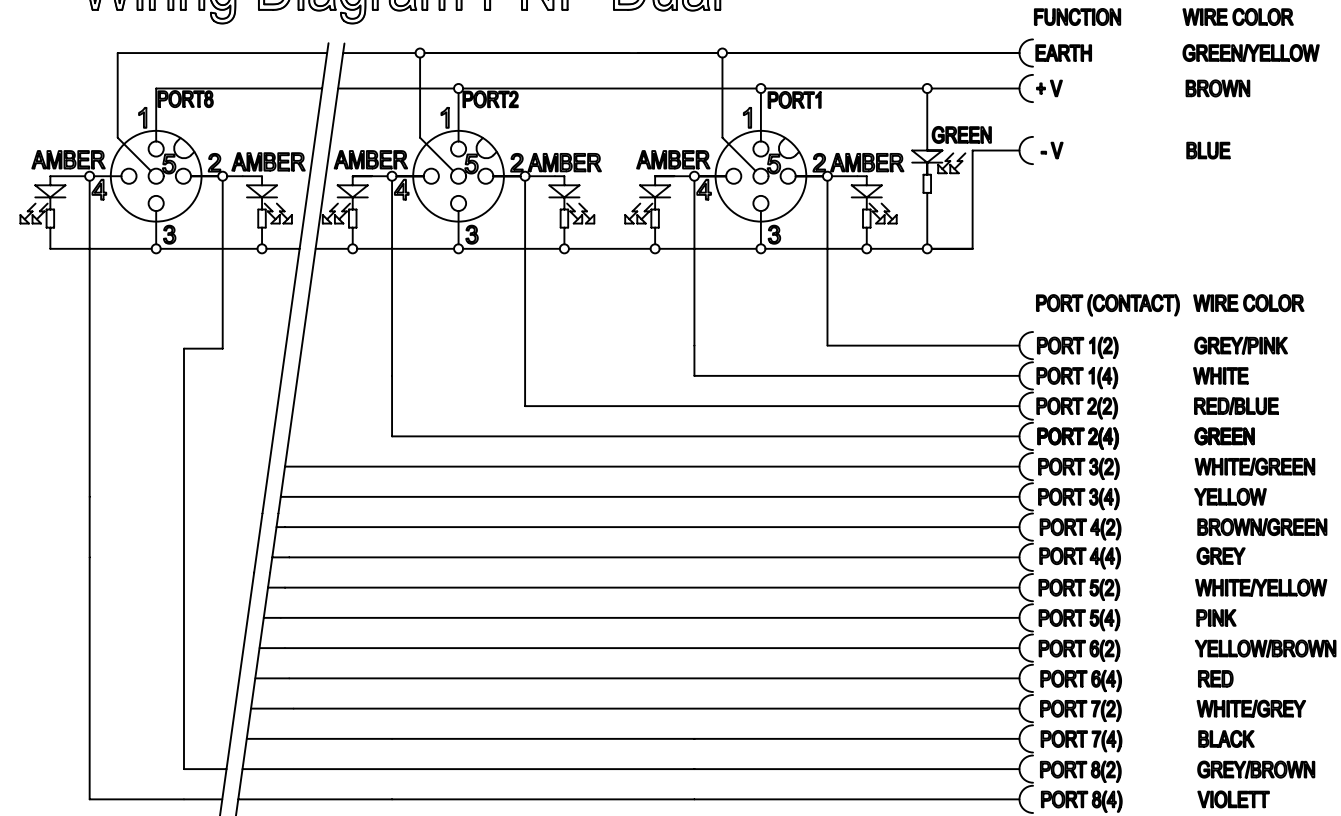


SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
▽ = 0	DIMENSION UNITS	SCALE
▽ = 0	mm	
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
▽ = 0	ANGULAR TOL	± °
▽ = 0	4 PLACES	±
▽ = 0	3 PLACES	±
▽ = 0	2 PLACES	±
▽ = 0	1 PLACE	±
▽ = 0	0 PLACES	± 0.25
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
▽ = 0	THIRD ANGLE PROJECTION	
▽ = 0	DRAWING	SERIES
▽ = 0	A3-SIZE	120248
▽ = 0	CURRENT REV DESC: LASER PRINT UPDATE	
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▽ = 0	CHK'D: RSILLER	2018/10/18
▽ = 0	APPR: RSILLER	2018/10/18
▽ = 0	INITIAL REVISION:	
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▽ = 0	APPR: RSILLER	2015/05/20
▽ = 0	DOCUMENT NUMBER	DOC TYPE DOC PART REVISION
▽ = 0	1202480046	PSD 000 B
▽ = 0	MATERIAL NUMBER	CUSTOMER
▽ = 0	SEE TABLE 1	GENERAL MARKET
▽ = 0	SHEET NUMBER	1 OF 2

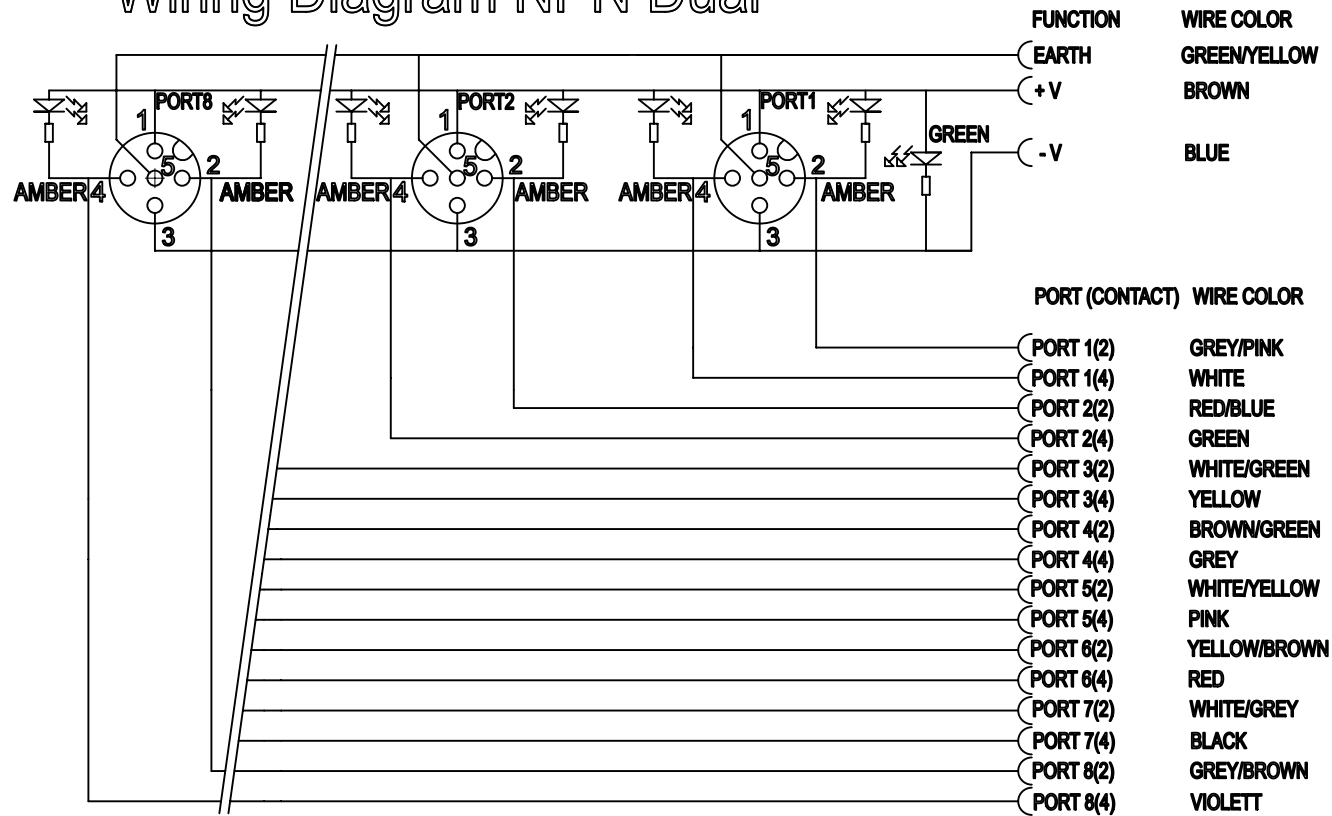
Wiring Diagram NON LED Dual

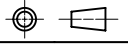


Wiring Diagram PNP Dual



Wiring Diagram NPN Dual



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
	DIMENSION UNITS	SCALE
 = 0	mm	
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)	
 = 0		
 = 0	ANGULAR TOL	± °
 = 0	4 PLACES	±
 = 0	3 PLACES	±
 = 0	2 PLACES	±
 = 0	1 PLACE	±
 = 0	0 PLACES	± 0.25
= 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	
= 0	THIRD ANGLE PROJECTION	DRAWING
= 0		A3-SIZE
CURRENT REV DESC: LASER PRINT UPDATE		
EC NO: 606042		
DRWN: SSM		2018/08/30
CHK'D: RSILLER		2018/10/18
APPR: RSILLER		2018/10/18
INITIAL REVISION:		
DRWN: AAHLERS		2015/04/01
APPR: RSILLER		2015/05/20
DOCUMENT NUMBER		1202480046
DOC TYPE		PSD
DOC PART		000
REVISION		B
MATERIAL NUMBER		SEE TABLE 1
CUSTOMER		GENERAL MARKET
SHEET NUMBER		2 OF 2