

TABLE 1

MOLEX P/N	ENG. NO.	CABLE LENGTH (MM)	LED
1202470024	BEBA03P-FBW-05	5000	YES
1202470025	BEBA03P-FBW-10	10000	YES
1202470026	BEBA03P-FBW-15	15000	YES
1202470027	BEBA03P-FBW-20	20000	YES
1202470055	BEBA030-FBW-05	5000	NO
12024700556	BEBA030-FBW-05	10000	NO
1202470057	BEBA030-FBW-05	15000	NO

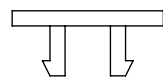
TABLE 2

ITEM	COMPONENT	MATERIAL	FINISH
1	INSERT	POLYESTER	BLACK
2	CONTACT SOCKET	COPPER ALLOY	GOLD OVER NICKEL
3	O-RING	VITON	RED
4	RECEPTACLE SHELL	BRASS	NICKEL PLATED
5	HOUSING	PBT	BLACK
6	CABLE	TPU	BLACK
7	LABEL	ABS	WHITE
8	LABLE ADHESIVE	PE	WHITE
9	CABLE PLATE	PBT	BLACK
10	LED	NO LED = PA	BLACK
		WITH LED = PA	TRANSPARENT
11	RESIN	EPOXY	TRANSPARENT

SCALE 2:1

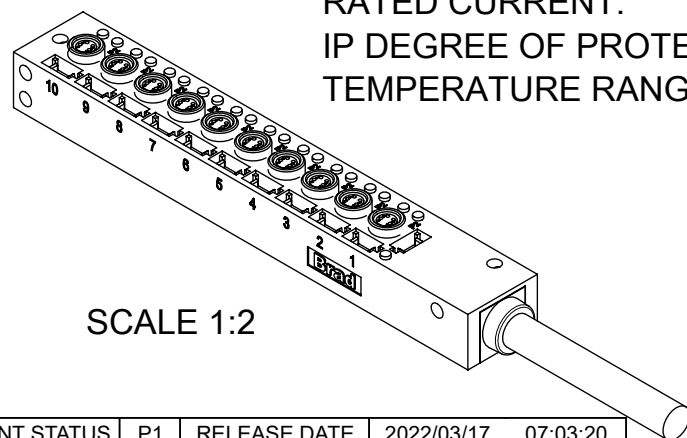


LABEL
11x packed in a bag.

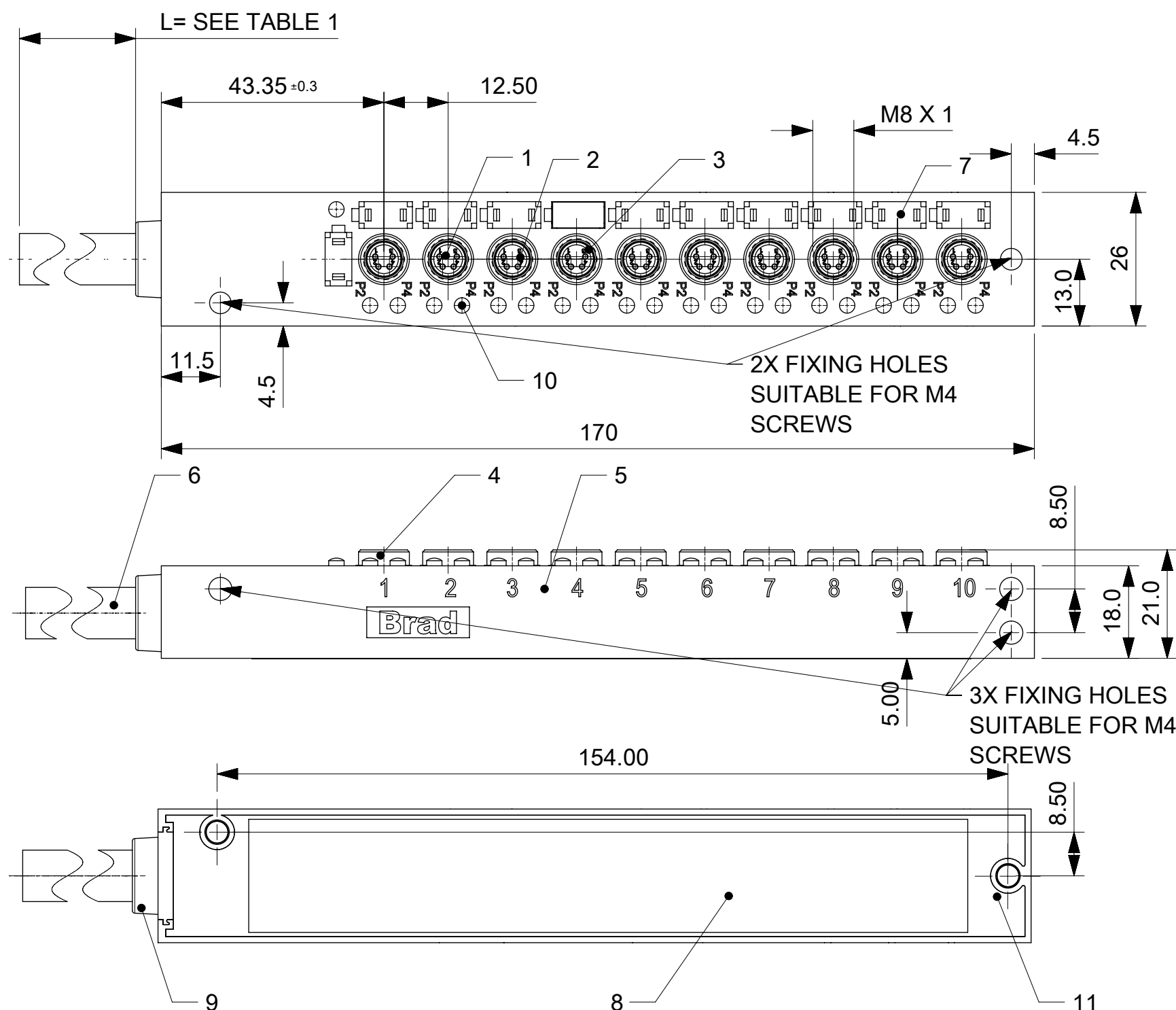


GENERAL CHARACTERISTICS:

NOMINAL VOLTAGE:	24 V DC
RATED CURRENT:	2 A PER PORT / 6 A MAX: TOTAL
IP DEGREE OF PROTECTION:	IP 68
TEMPERATURE RANGE:	-25°C to + 85°C



SCALE 1:2

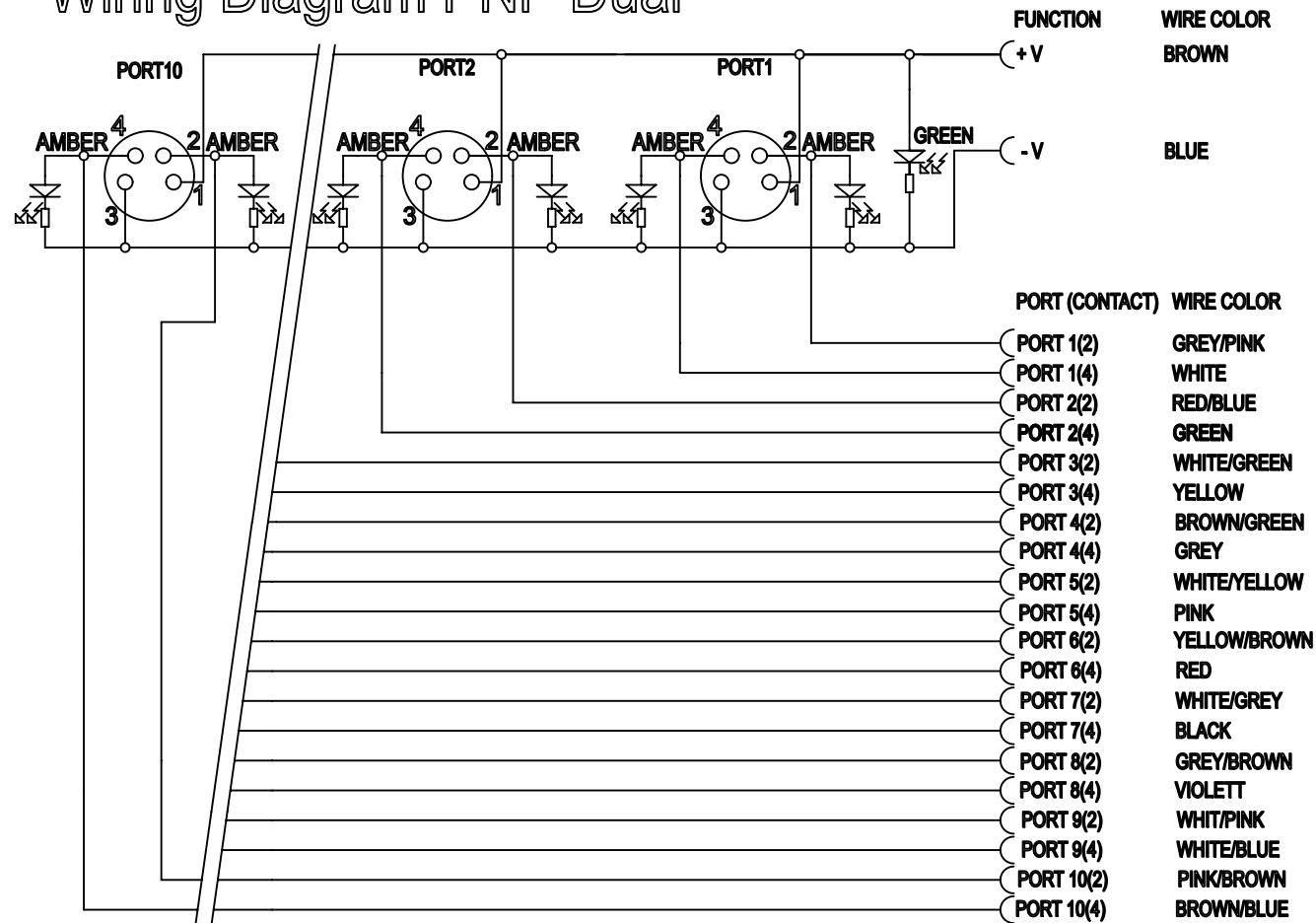


CABLE LENGTH TOLERANCES

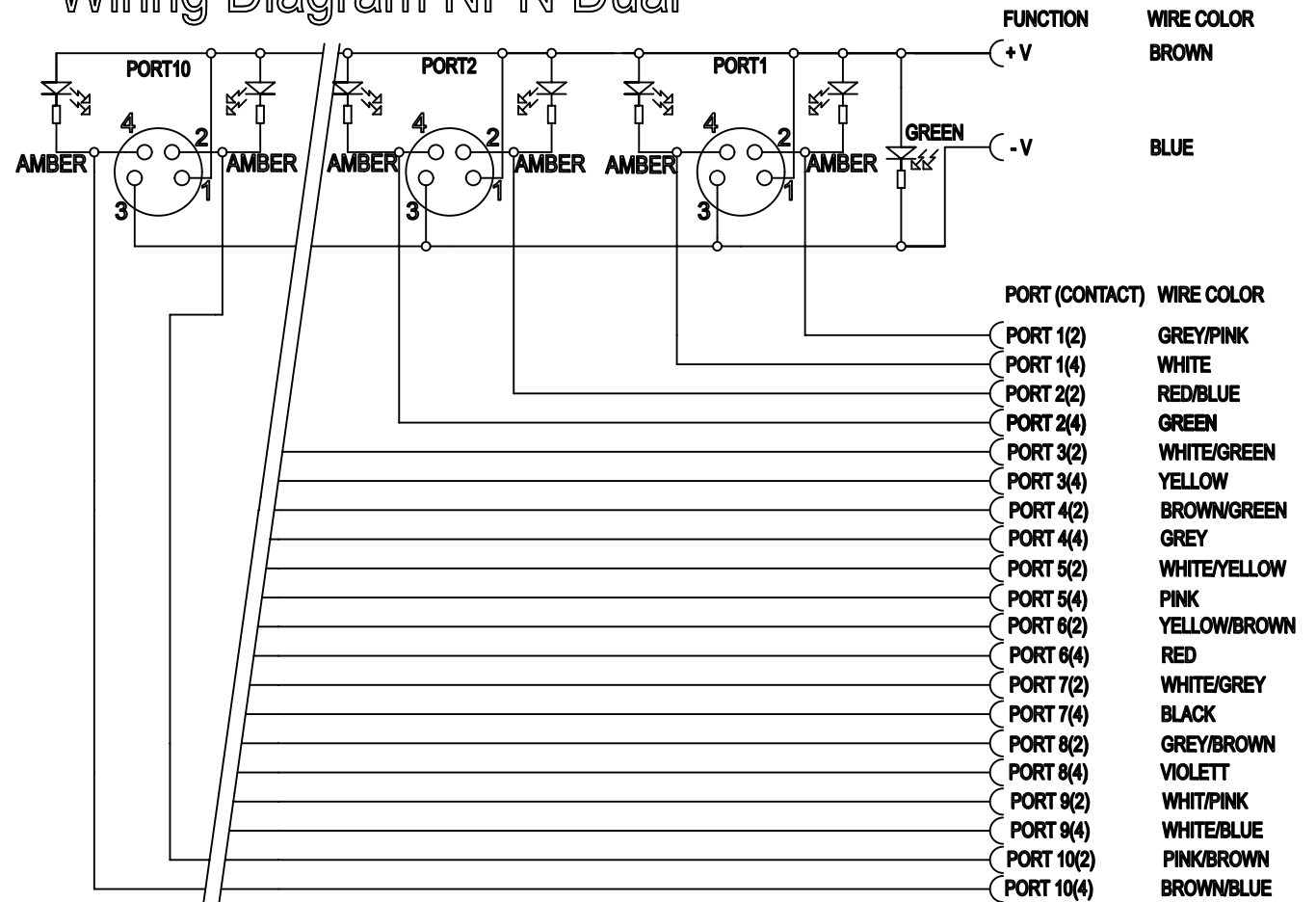
LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
	DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED CABLE TOLERANCE TABLE			molex MPIS M8 PNP NPN NOS 4P 10PT BK XM DUAL						
	mm		1:1											
	GENERAL TOLERANCES (UNLESS SPECIFIED)													
	ANGULAR TOL ± °													
	4 PLACES ±													
	3 PLACES ±													
	2 PLACES ± 0.2													
DIVISIONAL SYMBOLS	1 PLACE ± 0.3		EC NO: 699789 DRWN: MDHARMANTI 2022/03/11 CHK'D: RSILLER 2022/03/17 APPR: RSILLER 2022/03/17 INITIAL REVISION: DRWN: ULETTENMEIER 2015/01/20 APPR: RSILLER 2015/04/22			PRODUCT CUSTOMER DRAWING								
	0 PLACES ± 0.5													
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								THIRD ANGLE PROJECTION		DRAWING		SERIES	
									A3-SIZE		120247			
					DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION			
					1202470024		PSD		000		B1			
					MATERIAL NUMBER		CUSTOMER				SHEET NUMBER			
					SEE TABLE 1		GENERAL MARKET				1 OF 2			

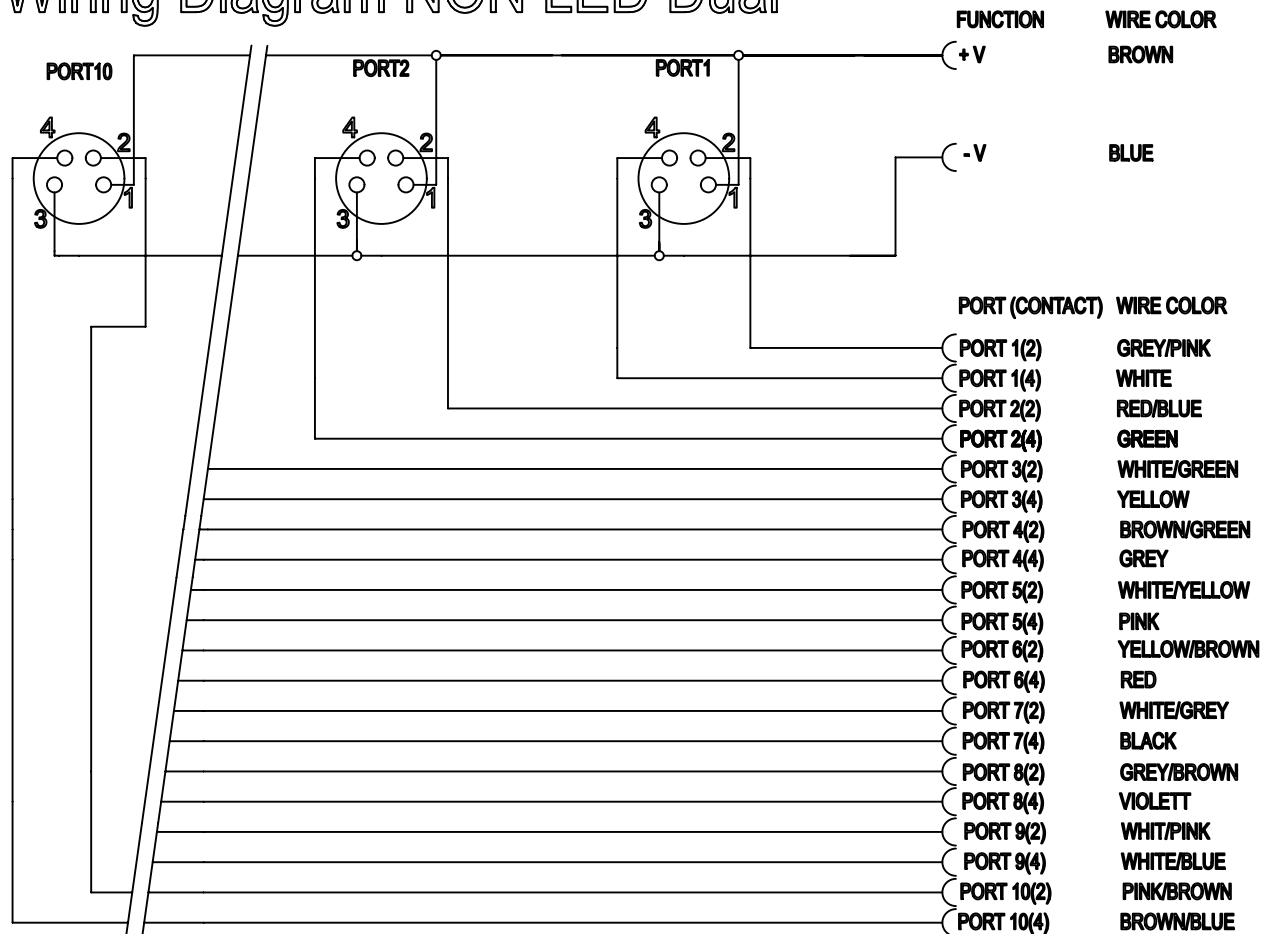
Wiring Diagram PNP Dual



Wiring Diagram NPN Dual



Wiring Diagram NON LED Dual



FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC: ADDED CABLE TOLERANCE TABLE			molex							
	mm		1:1												
	F A = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)			MPIS M8 PNP NPN NOS 4P 10PT BK XM DUAL									
F E = 0		ANGULAR TOL ± °													
F E = 0		4 PLACES		±		PRODUCT CUSTOMER DRAWING									
DIVISIONAL SYMBOLS		3 PLACES		±											
		2 PLACES		± 0.2											
		1 PLACE		± 0.3											
		0 PLACES		± 0.5											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER			
				A3-SIZE		120247		SEE TABLE 1		GENERAL MARKET		2 OF 2			
		EC NO: 699789		DRWN: MDHARMANTI		2022/03/11									
		CHK'D: RSILLER				2022/03/17									
		APPR: RSILLER				2022/03/17									
		INITIAL REVISION:						DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
		DRWN: ULETTENMEIER				2015/01/20		1202470024		PSD		000		B1	
		APPR: RSILLER				2015/04/22									