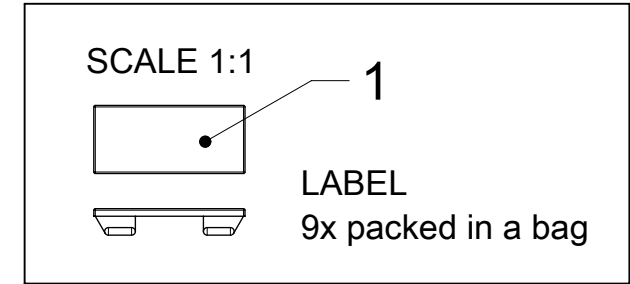


TABLE 1

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

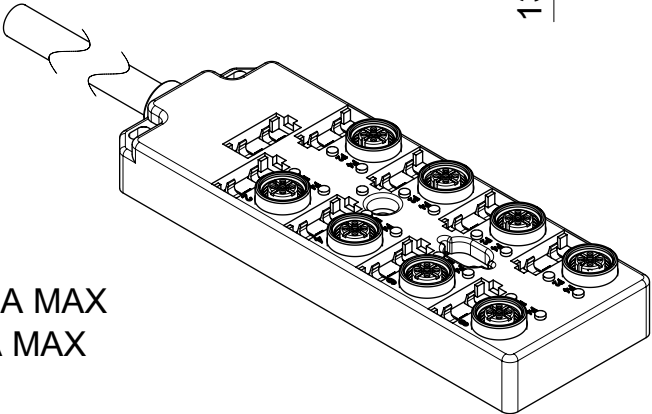
ITEM	DESCRIPTION	MATERIAL	FINISH
1	LABEL	ABS	WHITE
2	CABLE PLATE	PBT	BLACK
3	CABLE	TPU BASED	BLACK
4	CONTACT	BRONZE	GOLD OVER NICKEL
5	O-RING	FPM	RED
6	LED	NON LED = PA WITH LED = PA	BLACK TRANSPARENT
7	SHELL	BRASS	NICKEL PLATED
8	HOUSING	PBT	BLACK



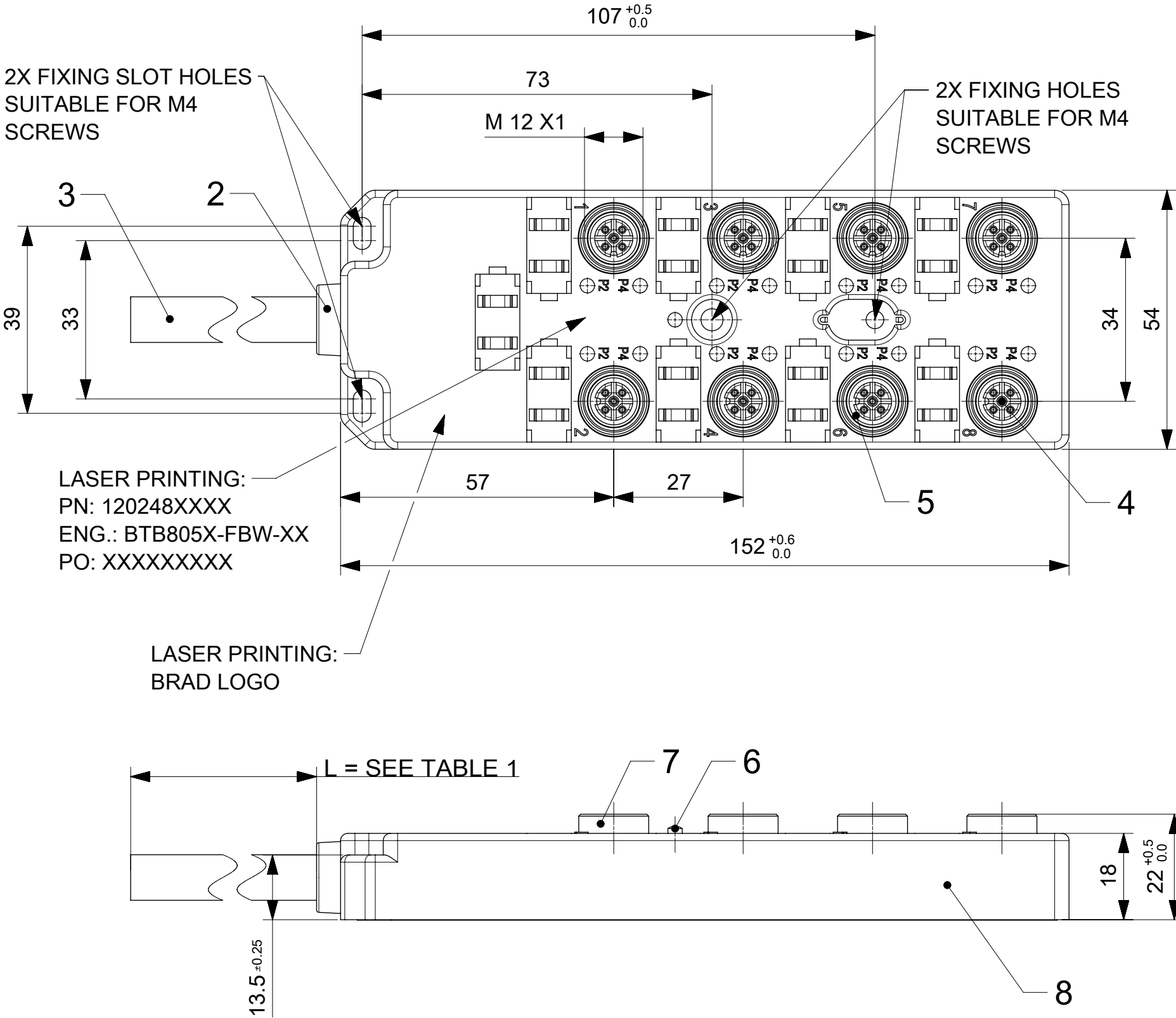
GENERAL CHARACTERISTICS:

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

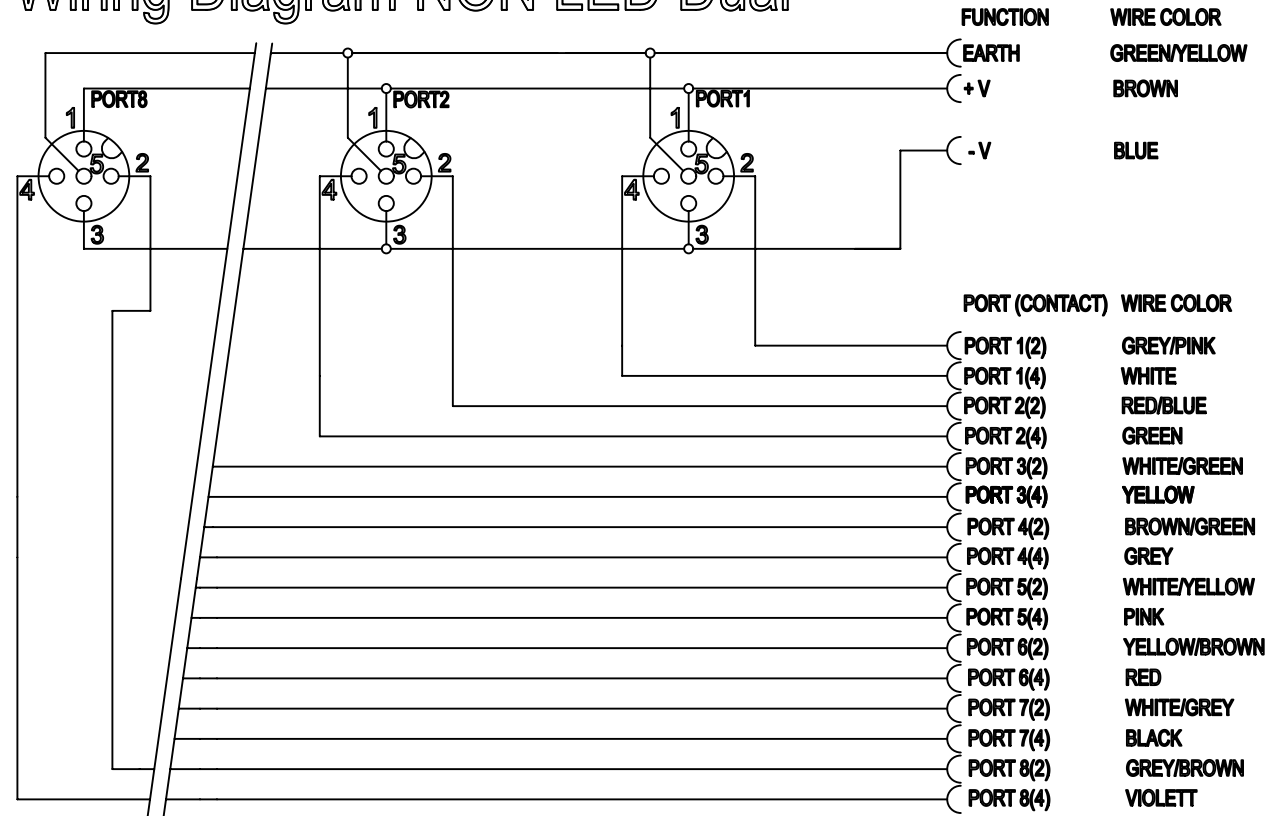


SCALE 1:2

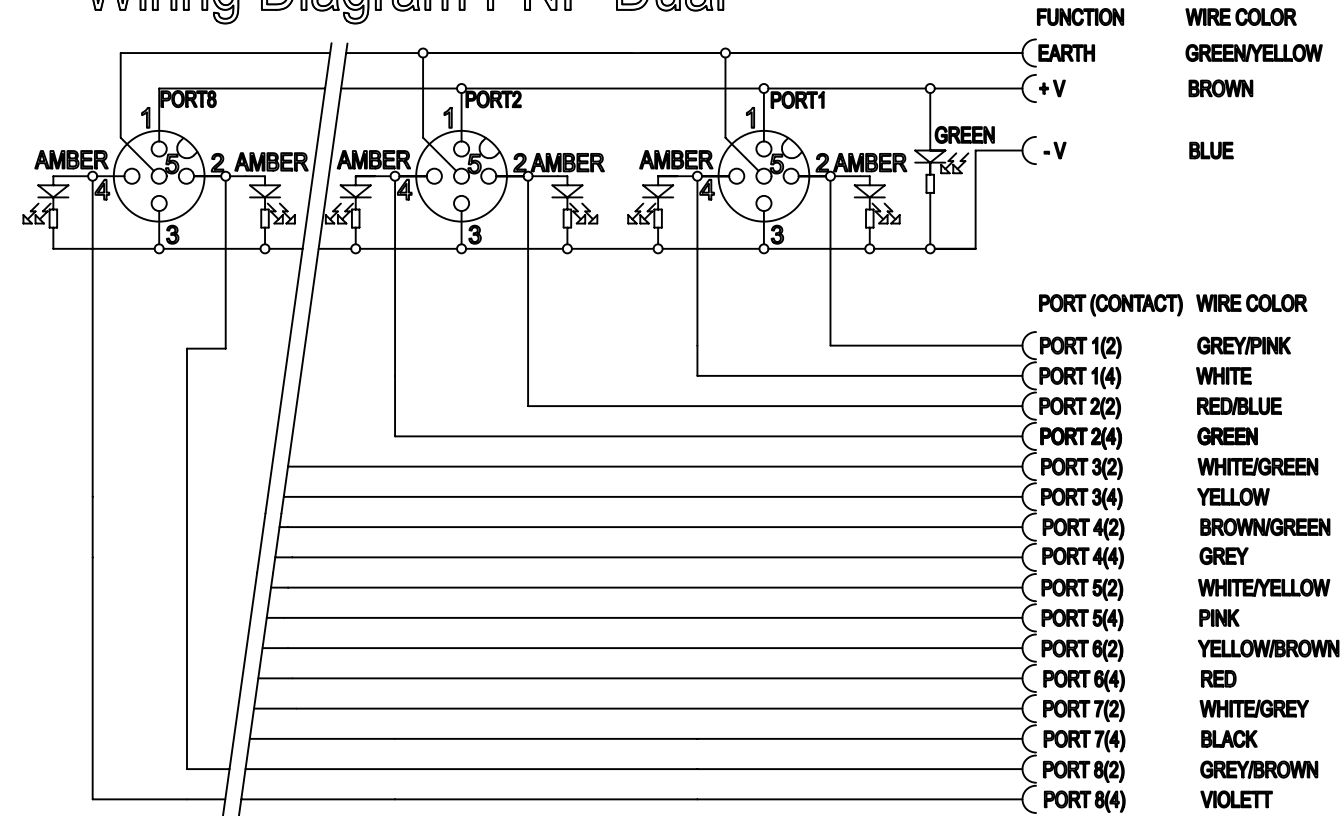


THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
SYMBOLS	DIMENSION UNITS		SCALE	CURRENT REV DESC: LASER PRINT UPDATE				molex							
▽ = 0	mm														
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)							MPIS M12 PNP NOS 5P 8PT AC FE STR XM STA DUAL							
▽ = 0															
▽ = 0	ANGULAR TOL ± °			EC NO: 606042				PRODUCT CUSTOMER DRAWING							
▽ = 0	4 PLACES ±			DRWN: SSM 2018/08/30											
▽ = 0	3 PLACES ±			CHK'D: RSILLER 2018/10/18											
▽ = 0	2 PLACES ±			APPR: RSILLER 2018/10/18				DOCUMENT NUMBER 1202480046 DOC TYPE PSD DOC PART 000 REVISION B							
▽ = 0	1 PLACE ±			INITIAL REVISION: DRWN: AAHLERS 2015/04/01											
▽ = 0	0 PLACES ± 0.25			APPR: RSILLER 2015/05/20											
▽ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
▽ = 0						A3-SIZE		120248		SEE TABLE 1		GENERAL MARKET		1 OF 2	

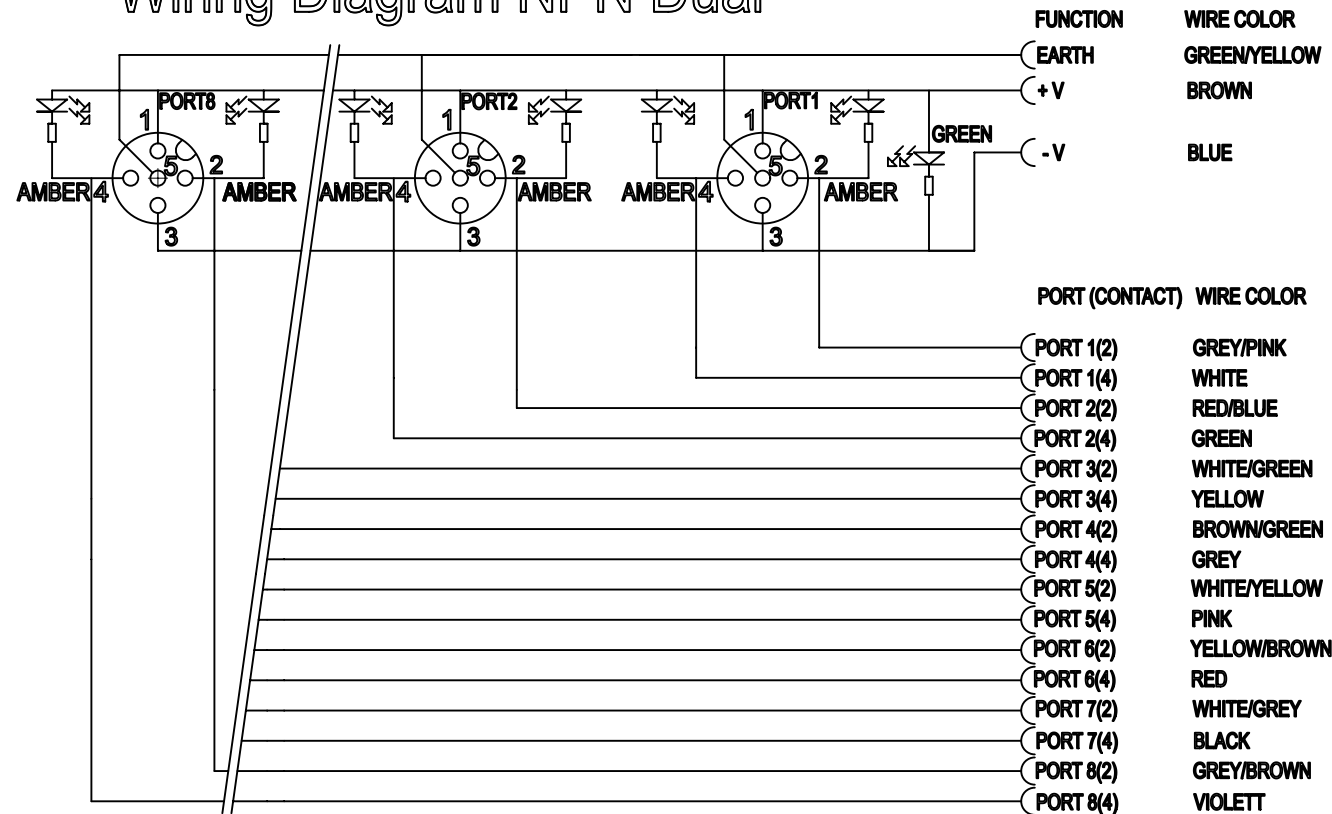
Wiring Diagram NON LED Dual



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	
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 DOC PART REVISION
MATERIAL NUMBER		SEE TABLE 1
		CUSTOMER
SHEET NUMBER		2 OF 2