

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)
[1201140093](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

TABLE 1 BILL OF MATERIAL

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH
1	9	LABEL	ABS	WHITE
2	1	CABLE PLATE	PBT	YELLOW
3	1	CABLE	SEE ENG. NO. MATRIX	SEE ENG. NO. MATRIX
4	40	CONTACT	BRASS	GOLD OVER NICKEL
5	8	O-RING	FPM	RED
6	8	SHELL	BRASS	NICKEL PLATET
7	17	LED	NON LED = PBT/ WITH LED = PA	NON LED=YELLOW/ WITH LED=TRANSPARENT
2		PROTECTING CAP	PP	BLACK
9	1	HOUSING	PBT	YELLOW

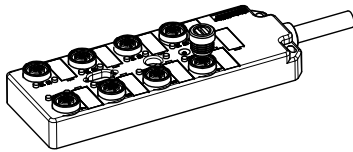
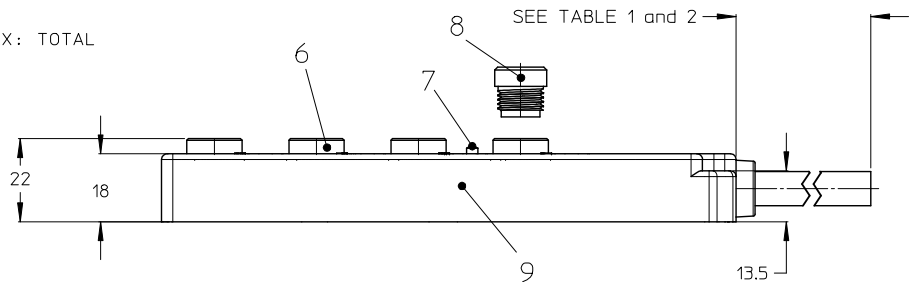
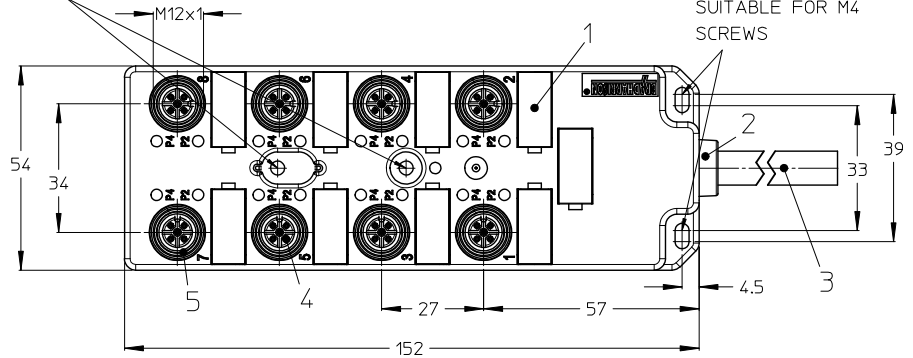
GENERAL CHARACTERISTICS:

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

NOMINAL VOLTAGE: 24 V DC
 RATED CURRENT: 4 A PER PORT / 12 A MAX: TOTAL
 CONTACT RESISTANCE: $\leq 5 \text{ m}\Omega$
 ISULATION RESISTANCE: $> 10^9 \Omega$
 IP DEGREE OF PROTECTION: IP 67
 TEMPERATURE RANGE: -25°C to $+85^\circ\text{C}$

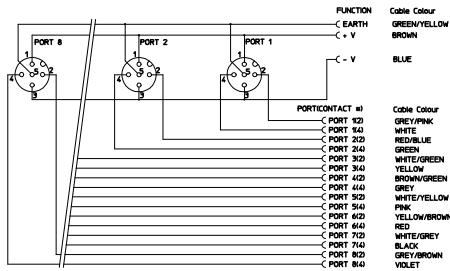
2X FIXING HOLES
SUITABLE FOR M4 SCREWS

2X FIXING SLOT HOLES
SUITABLE FOR M4
SCREWS

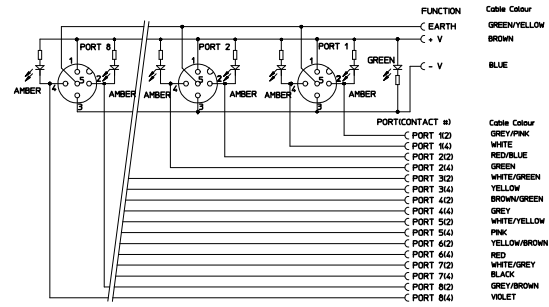


ENTER DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
EC NO: PG2014-0267		DRAWN BY: ULETTENMEIER		mm		MM ONLY		1:1	METRIC	MPIS M12 PNP NPN NOS	
2013/09/25		CHECKED BY: RSILLER		INCH		DATE				5P 8PT AC FE STR XM	
2013/10/07		APPROVED BY: CBURGER		4 PLACES ± 0.10		2013/07/04					
				3 PLACES ± 0.05		2013/07/10					
				2 PLACES ± 0.05							
				1 PLACE ± 0.10							
				0 PLACE ± 0.10							
				ANGULAR $\pm 0.5^\circ$							
				DRAFT WHERE APPLICABLE		SEE TABLE 2					
				MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.					
						SIZE					
						A3					
						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX					
						INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

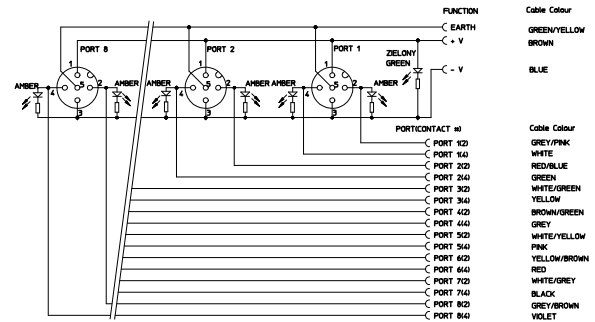
WIRING DIAGRAM NON LED



WIRING DIAGRAM NPN



WIRING DIAGRAM PNP



ENTER DESCRIPTION EC NO: IPG2014-0267 DRAWN: ULETENMEIER 2013/09/24 CHKD: RSILLER 2013/09/25 APPR: CBURGER 2013/10/07	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY ULETENMEIER	DATE 2013/07/04	TITLE MPIS M12 PNP NPN NOS 5P 8PT AC FE STR XM			
	B1	REV		4 PLACES	±---	±---	CHECKED BY RSILLER	DATE 2013/07/10	molex		
				3 PLACES	±---	±---	APPROVED BY CBURGER	DATE 2013/07/17			
				2 PLACES	±0.05	±---	MATERIAL NO.				
				1 PLACE	±0.10	±---	SEE TABLE 2				
				0 PLACE	±---	±---	DOCUMENT NO. SD-120114-003				
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ±.5°		SIZE A3		SHEET NO. 2 OF 3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

TABLE 2

MOLEX P/N	ENG. NR.	LED
1201140092	BTY8050-FBP-05	NO
1201140093	BTY8050-FBP-10	NO
1200550592	BTY8050-FBP-15	NO
1201140202	BTY805N-FBP-05	YES
1200550691	BTY805N-FBP-10	YES
1201140089	BTY805P-FBP-05	YES
1200550832	BTY805P-FBP-05-1	YES
1201140090	BTY805P-FBP-10	YES
1200550864	BTY805P-FBP-10-1	YES
1201140091	BTY805P-FBP-15	YES
1201148030	BTY805P-FBP-15-1	YES
1200550401	BTY805P-FBP-20	YES
1201148037	BTY805P-FBP-20-1	YES
1200550633	BTY805P-FBP-30	YES

ENG. NO. MATRIX:

B	T	Y	8	0	0	X	-	F	B	X	-	X	X	-	X
B-BRAD	T-TOP MOUNT	Y-YELLOW	4-4 PORT	VERSION: 00-SINGLE PORT 05-DUAL PORT		P-PNP N-NPN 0-NO LED	F-FEMALE	B-BRASS	CABLE SEE TABLE 3			XX-CABLE LENGHT EXAMPLE: 05-5 METER 10-10 METER		S-SHILDED 1-UL/CSA PUR CABLE	

TABLE 3

CABLE	TEM. RANGE STATISCH	TEM. RANGE FLEXIBLE	CABLE DIAMETER (MM) SIGLE (4POLE) 4/6/8 PORT	CABLE DIAMETER (MM) DUAL (5POLE) 4/6/8 PORT	DRAG CHAIN	UL STYLE
P+PUR/PVC/Black	-30°C TO +90°C	-5°C TO +90°C	8.4 ±0.2 / 9.5±0.2 / 9.5 ±0.2	9.5 ±0.2 / 9.8 ±0.2 / 11.4 ±0.2	1.5 MIO. CYCLES	-
P+PUR/PVC/Black/UL/CSA	-25°C TO +90°C	-	7.5 ± 0.2	8.6 ± 0.2	-	-
N+PVC/GREY	-	-10°C TO +80°C	8.4 ± 0.2	9.5 ± 0.2	10 MIO. CYCLES	2464
I-CEI/GREY	-5°C TO +70°C	-	8.4 ± 0.2	9.5 ± 0.2	-	-
E+PVC/YELLOW	-5°C TO +70°C	-	8.4 ± 0.2	9.5 ± 0.2	-	-

ENTER DESCRIPTION EC NO: F02014-0267 DRAWN BY: ULETENMEIER 2013/07/24 CHECKED BY: CHIKORS ILLER 2013/07/25 APPROVED BY: CBURGER 2013/10/07 B1	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	FIRST ANGLE PROJECTION			
		mm INCH		DRAWN BY DATE ULETENMEIER 2013/07/04		TITLE MPIS M12 PNP NPN NOS 5P 8PT AC FE STR XM					
		4 PLACES ± ---		CHECKED BY DATE RSILLER 2013/07/10		molex					
		3 PLACES ± 0.05		APPROVED BY DATE CBURGER 2013/07/17							
		1 PLACE ± 0.10									
		0 PLACE ± ---									
		ANGULAR ± 5 °		MATERIAL NO.		DOCUMENT NO.		SHEET NO.			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE 2		SD-120114-003		3 OF 3			
				SIZE A2		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					