

TABLE 1

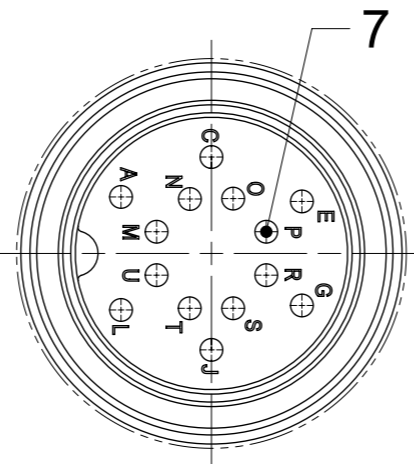
| MOLEX PN   | ENG. NO.    | LED |
|------------|-------------|-----|
| 1202470065 | BNBA01P-FBC | YES |

TABLE 2 BILL OF MATERIAL

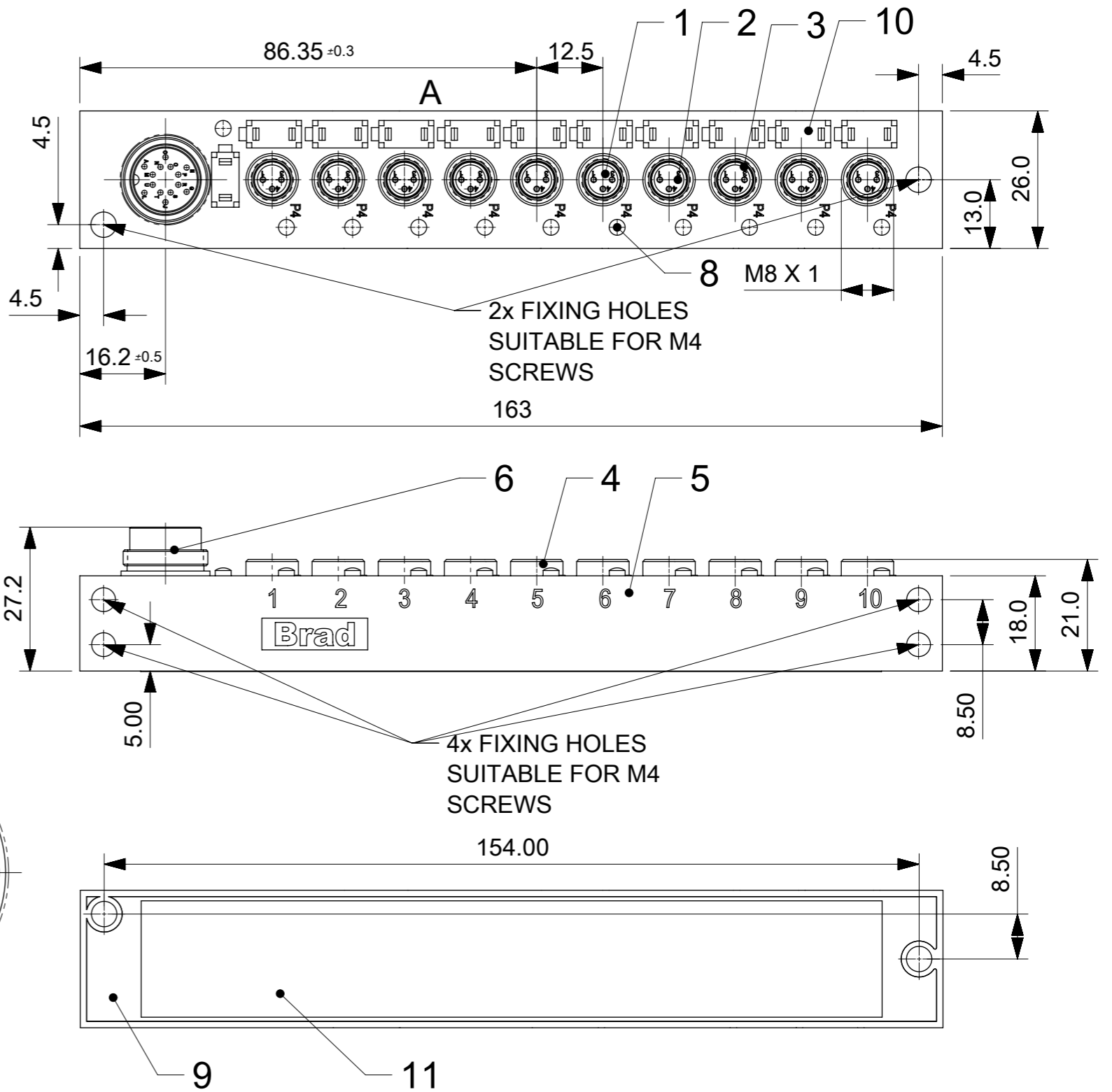
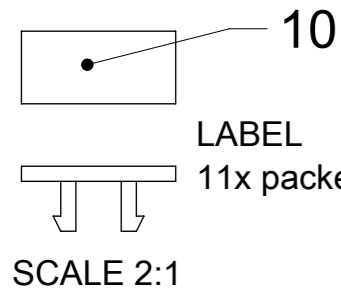
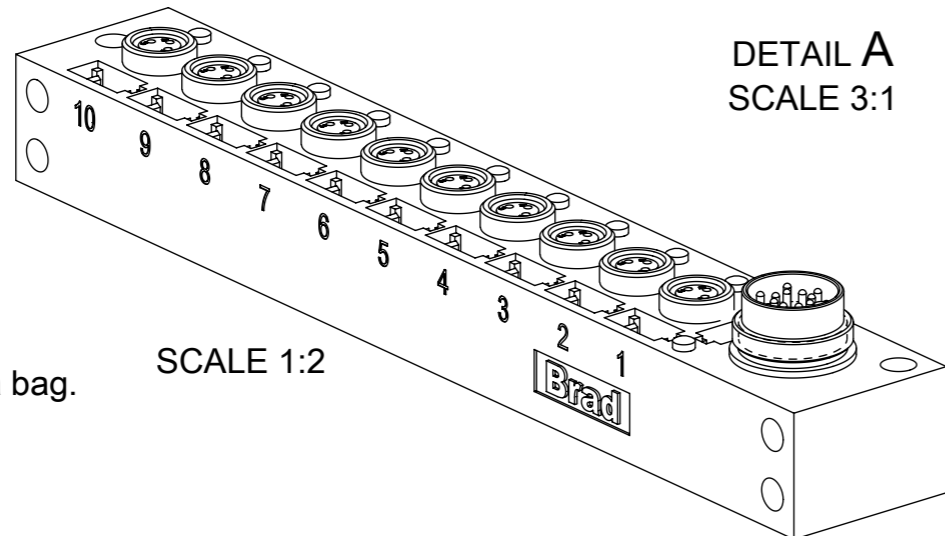
| ITEM | DESCRIPTION      | MATERIAL      | FINISH           |
|------|------------------|---------------|------------------|
| 1    | INSERT           | TPU           | BLACK            |
| 2    | CONTACT          | COPPER ALLOY  | GOLD OVER NICKEL |
| 3    | O-RING           | VITON         | RED 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

GENERAL CHARACTERISTICS:

NOMINAL VOLTAGE: 24 V DC  
 RATED CURRENT: 2 A PER PORT / 6 A MAX: TOTAL  
 IP DEGREE OF PROTECTION: IP 67  
 TEMPERATURE RANGE: -25°C to + 85°C

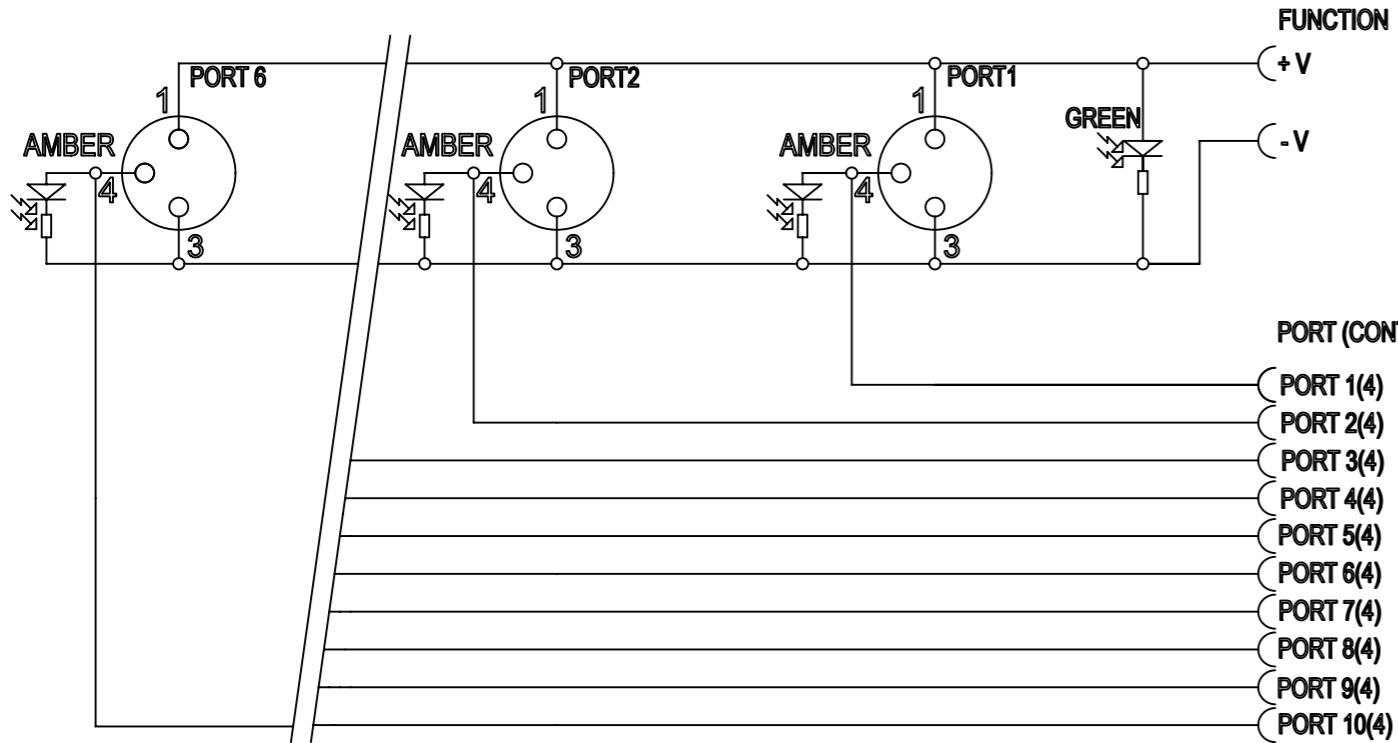


DETAIL A  
SCALE 3:1



|   |                |              |            |   |                                       |                                       |                 |              |  |
|---|----------------|--------------|------------|---|---------------------------------------|---------------------------------------|-----------------|--------------|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                |              |            |   |                                       |                                       |                 |              |  |
| EC DESCRIPTION<br>EC NO: 100833<br>DRWN: AAHLERS<br>CHK'D: RSILLER<br>APPR: RSILLER   | 2015/07/29     | 2015/08/27   | 2015/08/27 | QUALITY SYMBOLS<br>∇ = 0<br>∇ = 0<br>∇ = 0<br>▽ = 0<br>∇ = 0<br>☒ = 0<br>■ = 0<br>∇ = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |                                       | DIMENSION UNITS | SCALE        |  |
|   | 4 PLACES ±     |              | mm         |   | 1:1                                   | MPIS M8 PNP 3P 10PT 14P M16 BK SINGLE |                 |              |  |
|   | 3 PLACES ±     |              | DRWN BY    |   | DATE                                  |                                       |                 |              |  |
|   | 2 PLACES ± 0.2 |              | AAHLERS    |   | 2015/07/21                            |                                       |                 |              |  |
| 1 PLACE ± 0.3   |                | CHK'D BY     | DATE       | PRODUCT CUSTOMER DRAWING  |                                       |                                       |                 |              |  |
| 0 PLACES ± 0.5  |                | APPR BY      | DATE       | SERIES  | MATERIAL NUMBER                       | CUSTOMER                              |                 |              |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |                | RSILLER      | 2015/07/23 | 120247  | SEE TABLE 1                           | GENERAL MARKET                        |                 |              |  |
| A1  | REV            | DRAWING SIZE |            | THIRD ANGLE PROJECTION  | DOCUMENT NUMBER                       | DOC TYPE                              | DOC PART        | SHEET NUMBER |  |
|   |                | A3           |            |   | 1202470065                            | PSD                                   | 000             | 1 OF 2       |  |

# Wiring Diagram Single PNP



THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

|   |  |   |                                       |                 |                       |                        |                        |  |                          |                                |                            |  |                                       |
|---|--|---|---------------------------------------|-----------------|-----------------------|------------------------|------------------------|--|--------------------------|--------------------------------|----------------------------|--|---------------------------------------|
| EC DESCRIPTION<br>EC NO: 100833<br>DRWN: AAHLERS<br>CHK'D: RSILLER<br>APPR: RSILLER | 2015/07/29<br>2015/08/27<br>2015/08/27               | QUALITY SYMBOLS<br>∇ = 0<br>∇ = 0<br>∇ = 0<br>▼ = 0<br>∇ = 0<br>☒ = 0<br>■ = 0<br>∇ = 0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |                 | DIMENSION UNITS<br>mm | SCALE<br>1:1           |                        |  |                          |                                |                            |  |                                       |
|   | DRWN BY<br>AAHLERS                                   |   | DATE<br>2015/07/21                    |                 | CHK'D BY<br>RSILLER   |                        |                        |  |                          |                                | DATE<br>2015/07/23         |  | MPIS M8 PNP 3P 10PT 14P M16 BK SINGLE |
|   | APPR BY<br>RSILLER                                   |   | DATE<br>2015/07/23                    |                 | DRAWING SIZE<br>A3    |                        | THIRD ANGLE PROJECTION |  | PRODUCT CUSTOMER DRAWING |                                |                            |  |                                       |
|   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |   | 0 PLACES ± 0.5                        |                 | A3                    |                        |                        |  | SERIES<br>120247         | MATERIAL NUMBER<br>SEE TABLE 1 | CUSTOMER<br>GENERAL MARKET |  |                                       |
| A1  | REV  | DOCUMENT NUMBER<br>1202470065   |                                       | DOC TYPE<br>PSD | DOC PART<br>000       | SHEET NUMBER<br>2 OF 2 |                        |  |                          |                                |                            |  |                                       |