

# RJ 45

## PART No MATRIX

# RJ 45

| PIN | WIRE COLOR |
|-----|------------|
| 1   | YELLOW     |
| 2   | ORANGE     |
| 3   | WHITE      |
| 6   | BLUE       |

| PIN | WIRE COLOR |
|-----|------------|
| 1   | YELLOW     |
| 2   | ORANGE     |
| 3   | WHITE      |
| 6   | BLUE       |

SHIELD CONNECTED TO THE HOUSING

SHIELD CONNECTED TO THE HOUSING

**E 6 6 A 0 6 0 1 2 X X X X X**

E=ETHERNET/  
EtherCat

HEADS:  
6=RJ45 PLUG  
6=RJ45 PLUG

HEADS STYLE:  
060=MALE STR / MALE STR

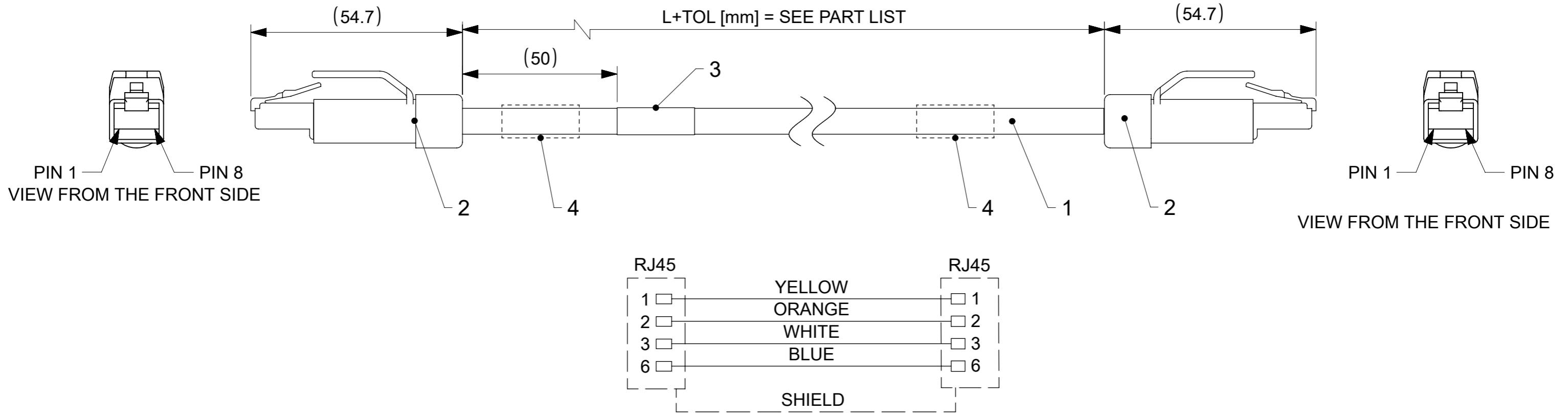
UNITS:  
M=METER  
T=10x METER  
C=CENTIMETER

LENGTH EXAMPLES:  
005=0.5  
010=1  
150=15

H= 2 PCS.  
Z / OF I/D Carrier

WIRING TYPE:  
A=4 Pole (STRAIGHT WIRED)

CABLE TYPE:



### BOM

| ITEM | QTY | DESCRIPTION                     | MMATERIAL | FINISH/COLOR |
|------|-----|---------------------------------|-----------|--------------|
| 4    | 2   | ID CARRIER - SEE MATRIX         | PVC       | TRANSPARENT  |
| 3    | 1   | LABEL                           | VINYL     | YELLOW       |
| 2    | 2   | HOUSING P20 PLUG CONNECTOR Cat5 | -         | -            |
| 1    | -   | CABLE 2x2x22AWG SHIELD          | TPU       | GREEN        |

|   |   |  |                               |   |   |  |  |  |
|---|---|--|-------------------------------|---|---|--|--|--|
| <b>FUNCTIONAL SYMBOLS</b><br>$\nabla_A = 0$<br>$\nabla_E = 0$<br>$\nabla_P = 0$ | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | CURRENT REV DESC:                                    |                               |   |   |  |  |  |
|   | DIMENSION UNITS: <b>mm</b>  | SCALE: <b>1:1</b>                                    | EC NO: 638569                 |   |   |  |  |  |
|   | GENERAL TOLERANCES (UNLESS SPECIFIED)   |  | DRWN: MKOWALCZYK01 2020/05/29 |   | CSE ETH ETH RJ45 WSOR RJ45 XM<br>PRODUCT CUSTOMER DRAWING |  |  |  |
|   | ANGULAR TOL ± °   |  | CHK'D: DSTACHOWIAK 2020/05/29 |   |   |  |  |  |
| 4 PLACES ±  |   | APPR: DSTACHOWIAK 2020/05/29                         |                               | DOCUMENT NUMBER: <b>1201088293</b><br>DOC TYPE: PSD<br>DOC PART: 00P<br>REVISION: <b>A8</b>           |   |  |  |  |
| 3 PLACES ±  |   | INITIAL REVISION:                                    |                               |   |   |  |  |  |
| 2 PLACES ±  |   | DRWN: DSTACHOWIAK 2016/10/20                         |                               | MATERIAL NUMBER: <b>SEE SHEET 2</b><br>CUSTOMER: <b>GENERAL MARKET</b><br>SHEET NUMBER: <b>1 OF 2</b> |   |  |  |  |
| 1 PLACE ±   |   | APPR: MIWASIECZKO 2016/10/24                         |                               |   |   |  |  |  |
| 0 PLACES ±  |   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |                               | THIRD ANGLE PROJECTION<br>  |   |  |  |  |
| DRAWING: <b>A3-SIZE</b>   |   | SERIES: <b>120108</b>                                |                               |   |   |  |  |  |


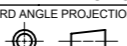
NOTE:  
1. PART LIST ON SECOND SHEET

PART LIST

| MOLEX PN   | ENGINEERING NO | L+Tol.[mm] |
|------------|----------------|------------|
| 1201088293 | E66A06012M010H | 1000 +40   |
| 1201088294 | E66A06012M020H | 2000 +60   |
| 1201088295 | E66A06012M050H | 5000 +60   |
| 1201088296 | E66A06012M100H | 10000 +80  |
| 1201088297 | E66A06012M150H | 15000 +140 |
| 1201088298 | E66A06012M200H | 20000 +140 |
| 1201088300 | E66A06012M030H | 3000 +60   |
| 1201088301 | E66A06012M300H | 30000 +160 |
| 1201088302 | E66A06012M500H | 50000 +500 |
| 1201088353 | E66A06012M010  | 1000 +40   |
| 1201088354 | E66A06012M020  | 2000 +60   |
| 1201088355 | E66A06012M030  | 3000 +60   |
| 1201088356 | E66A06012M040  | 4000 +60   |
| 1201088357 | E66A06012M050  | 5000 +60   |
| 1201088358 | E66A06012M060  | 6000 +80   |
| 1201088359 | E66A06012M080  | 8000 +80   |
| 1201088360 | E66A06012M090  | 9000 +80   |
| 1201088361 | E66A06012M100  | 10000 +80  |
| 1201088362 | E66A06012M120  | 12000 +140 |
| 1201088363 | E66A06012M150  | 15000 +140 |
| 1201088364 | E66A06012M200  | 20000 +140 |
| 1201088365 | E66A06012M250  | 25000 +160 |
| 1201088366 | E66A06012M300  | 30000 +160 |
| 1201088367 | E66A06012M350  | 35000 +350 |
| 1201088368 | E66A06012M400  | 40000 +400 |
| 1201088369 | E66A06012M450  | 45000 +450 |
| 1201088370 | E66A06012M500  | 50000 +500 |
| 1201088371 | E66A06012M550  | 55000 +550 |
| 1201088372 | E66A06012M600  | 60000 +600 |
| 1201088373 | E66A06012M650  | 65000 +650 |

| MOLEX PN   | ENGINEERING NO | L+Tol.[mm]   |
|------------|----------------|--------------|
| 1201088374 | E66A06012M700  | 70000 +700   |
| 1201088375 | E66A06012M750  | 75000 +750   |
| 1201088376 | E66A06012M800  | 80000 +800   |
| 1201088386 | E66A06012M700H | 70000 +700   |
| 1201088387 | E66A06012M900H | 90000 +900   |
| 1201088393 | E66A06012M002H | 200 +40      |
| 1201088394 | E66A06012M005H | 500 +40      |
| 1201088395 | E66A06012M250H | 25000 +160   |
| 1201088396 | E66A06012M400H | 40000 +400   |
| 1201088397 | E66A06012M600H | 60000 +600   |
| 1201088398 | E66A06012T100H | 100000 +1000 |
| 1201088554 | E66A06012M003  | 300 +40      |
| 1201088555 | E66A06012M006  | 600 +40      |
| 1201088655 | E66A06012M025  | 2500 +60     |
| 1201088746 | E66A06012M850  | 85000 +850   |
| 1201088747 | E66A06012M015  | 1500 +60     |
| 1201088748 | E66A06012M070  | 7000 +80     |
| 1201088815 | E66A06012M090H | 9000 +80     |
| 1201088816 | E66A06012M170H | 17000 +140   |
| 1201088817 | E66A06012M060H | 6000 +80     |
| 1201088818 | E66A06012M800H | 80000 +800   |
| 1201088819 | E66A06012M680H | 68000 +680   |
| 1201088820 | E66A06012M720H | 72000 +720   |
| 1201088821 | E66A06012M320H | 32000 +320   |
| 1201088822 | E66A06012M120H | 12000 +140   |
| 1201088823 | E66A06012M130H | 13000 +140   |
| 1201088824 | E66A06012M180H | 18000 +140   |
| 1201088825 | E66A06012M350H | 35000 +350   |
| 1201088826 | E66A06012M570H | 57000 +570   |
| 1201088827 | E66A06012M260H | 26000 +160   |

| MOLEX PN   | ENGINEERING NO. | L+Tol.[mm] |
|------------|-----------------|------------|
| 1201088828 | E66A06012M480H  | 48000 +480 |
| 1201088829 | E66A06012M350H  | 35000 +350 |
| 1201088830 | E66A06012M530H  | 53000 +530 |
| 1201088831 | E66A06012M180H  | 18000 +140 |
| 1201088832 | E66A06012M450H  | 45000 +450 |
| 1201088833 | E66A06012M080H  | 8000 +80   |
| 1201088834 | E66A06012M270H  | 27000 +160 |
| 1201088835 | E66A06012M280H  | 28000 +160 |
| 1201088836 | E66A06012M220H  | 22000 +160 |
| 1201088837 | E66A06012M210H  | 21000 +160 |
| 1201088846 | E66A06012C350H  | 350 +40    |

|  |   |   |                               |          |   |                |              |
|--|---|---|-------------------------------|----------|---|----------------|--------------|
| FUNCTIONAL SYMBOLS<br>$\sqrt{A} = 0$<br>$\sqrt{E} = 0$<br>$\sqrt{P} = 0$ | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |   | CURRENT REV DESC:             |          |  |                |              |
|  | DIMENSION UNITS   | SCALE   | EC NO: 638569                 |          |   |                |              |
|  | mm  | 1:1   | DRWN: MKOWALCZYK01 2020/05/29 |          |   |                |              |
|  | GENERAL TOLERANCES (UNLESS SPECIFIED)   |   | CHK'D: DSTACHOWIAK 2020/05/29 |          |   |                |              |
| DIVISIONAL SYMBOLS   | ANGULAR TOL ± °   |   | APPR: DSTACHOWIAK 2020/05/29  |          | PRODUCT CUSTOMER DRAWING  |                |              |
|  | 4 PLACES ±  | INITIAL REVISION:   |                               |          |   |                |              |
|  | 3 PLACES ±  | DRWN: DSTACHOWIAK 2016/10/20  |                               |          |   |                |              |
|  | 2 PLACES ±  | APPR: MIWASIECZKO 2016/10/24  |                               |          |   |                |              |
| 1 PLACE ±  | DOCUMENT NUMBER   |   | DOC TYPE                      | DOC PART | REVISION  |                |              |
| 0 PLACES ±   | 1201088293  |   | PSD                           | 00P      | A8  |                |              |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                     |   | THIRD ANGLE PROJECTION  | DRAWING                       | SERIES   | MATERIAL NUMBER   | CUSTOMER       | SHEET NUMBER |
|  |   |  | A3-SIZE                       | 120108   | SEE PART LIST   | GENERAL MARKET | 2 OF 2       |

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Ethernet Cables / Networking Cables](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[0152660053](#) [603020002](#) [73-7797-25](#) [73-8890-10](#) [73-8890-14](#) [73-8891-14](#) [73-8891-25](#) [73-8892-50](#) [73-8894-10](#) [73-8894-3](#) [73-8895-14](#) [73-8896-7](#) [MCJB2-10P6Q7-120](#) [84909-0204](#) [9QA0-111-12-3.00](#) [1200650742](#) [1200700174](#) [1200860368](#) [1200650013](#) [1201080008](#) [1-21919-1](#) [1300500373](#) [1300101844](#) [1300101845](#) [130050-0004](#) [1300500014](#) [1410147](#) [E16A06002M030](#) [E200102-009-S1](#) [MT14-187L](#) [17-103530](#) [NK5EPC18RDY](#) [NK5EPC18VLY](#) [NK5EPC18YLY](#) [NK5EPC1GRY](#) [NK5EPC30BLY](#) [NK5EPC30VLY](#) [NK5EPC30YLY](#) [NK5EPC4Y](#) [NK5EPC6YLY](#) [NK5EPC8BLY](#) [NK5EPC9YLY](#) [NK6PC30BUY](#) [NK6PC30GRY](#) [NK6PC30RDY](#) [NK6PC30Y](#) [NK6PC30YLY](#) [1969343-6](#) [C501100010](#) [C501106002](#)