

PART No. MATRIX

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| E | 6 | 6 | E | 0 | 6 | 0 | 2 | 1 | M | X | X | X | X |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

E=ETHERNET/  
Ethernet

HEADS:  
6 = RJ45

HEADS STYLE:  
060 = MALE STR / MALE STR

CABLE TYPE :  
CABLE 21

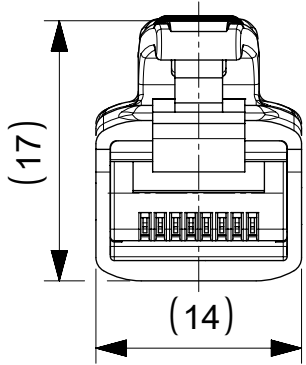
UNITS:  
M= METER  
T= 10xMETER

LENGTH EXAMPLES:  
005=0.5 m  
010=1 m  
150=15 m  
T100=100 m

H= 2 PCS. OF I/D Carrier

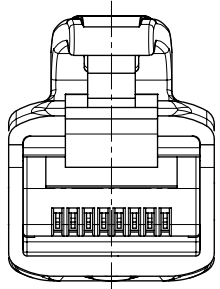
WIRING TYPE:  
E=8 Pole (STRAIGHT WIRED)

RJ45 PLUG  
FRONT VIEW

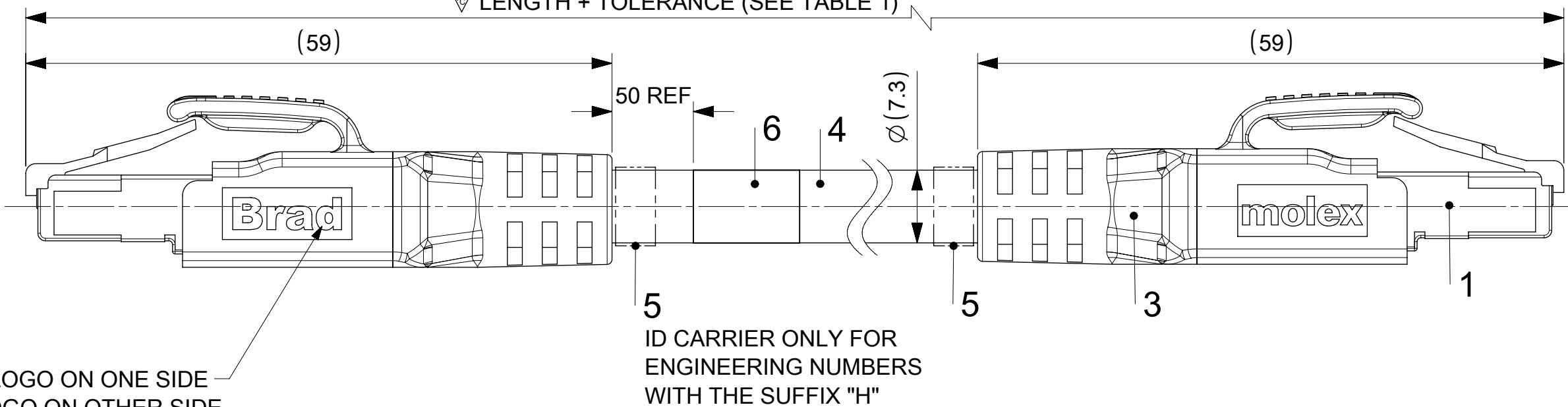


MOLEX LOGO ON ONE SIDE  
BRAD LOGO ON OTHER SIDE

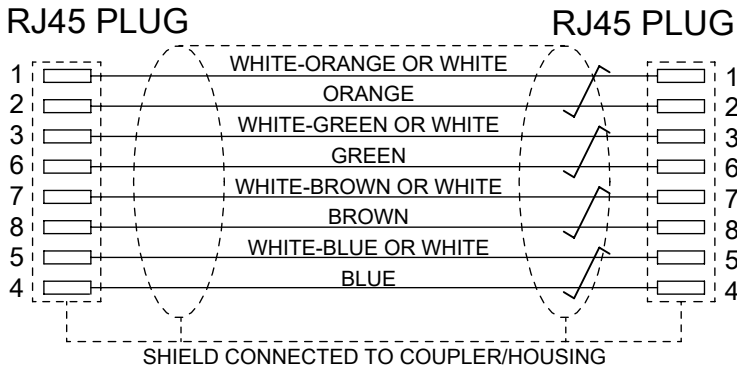
RJ45 PLUG  
FRONT VIEW



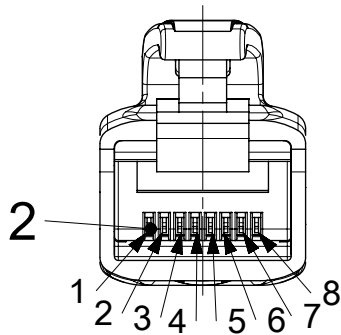
LENGTH + TOLERANCE (SEE TABLE 1)



WIRING DIAGRAM



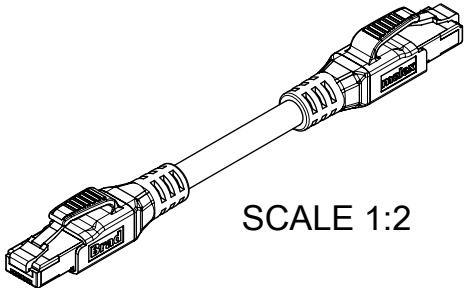
RJ45 PLUG  
FRONT VIEW



BILL OF MATERIAL

| ITEM | QTY           | DESCRIPTION                | MATERIAL        | FINISH/COLOR               |
|------|---------------|----------------------------|-----------------|----------------------------|
| 1    | 2             | PLUG RJ45 PLUG             | -               | -                          |
| 2    | 16            | CONTACT RJ45               | PHOSPHOR BRONZE | SELECTIVE Au PLATING       |
| 3    | -             | OVERMOLD                   | TPU             | BLACK                      |
| 4    | 1             | CABLE 4X(2X AWG26/7) CAT 7 | TPE             | GREEN TEAL SIMILAR RAL6026 |
| 5    | SEE PN MATRIX | ID CARRIER                 | PVC             | TRANSPARENT                |
| 6    | 1             | LABEL 2.0X1.75             | VINYL           | YELLOW                     |

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|                                                                  |                                                                                                                                               |       |                                                      |  |                             |  |                             |  |
|------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------|--|-----------------------------|--|-----------------------------|--|
| FUNCTIONAL SYMBOLS<br>A= 0<br>E= 1<br>E= 0<br>DIVISIONAL SYMBOLS | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |       | CURRENT REV DESC: CABLE COLOR UPDATED                |  | <b>molex</b>                |  |                             |  |
|                                                                  | DIMENSION UNITS                                                                                                                               | SCALE | GENERAL TOLERANCES (UNLESS SPECIFIED)                |  | RJ45 CAT6A ST/ST TPE XM     |  |                             |  |
|                                                                  | mm                                                                                                                                            | 2:1   | ANGULAR TOL ± 1.0 °                                  |  | PRODUCT CUSTOMER DRAWING    |  |                             |  |
|                                                                  | 4 PLACES                                                                                                                                      | ±     | 3 PLACES ±                                           |  | INITIAL REVISION:           |  |                             |  |
| 2 PLACES ± 0.05                                                  |                                                                                                                                               |       | 1 PLACE ± 0.3                                        |  | DRWN: MDHARMANTI 2019/11/25 |  | 2021/03/16                  |  |
| 0 PLACES ± 0.5                                                   |                                                                                                                                               |       | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS |  | THIRD ANGLE PROJECTION      |  | DRAWING A3-SIZE             |  |
|                                                                  |                                                                                                                                               |       |                                                      |  | SERIES 120341               |  | MATERIAL NUMBER SEE TABLE 1 |  |
|                                                                  |                                                                                                                                               |       |                                                      |  | CUSTOMER GENERAL MARKET     |  | SHEET NUMBER 1 OF 2         |  |

[illegible]