

4

3

2

1

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THE DRAWING SHOWS THE 2-DIMENSIONAL REFERENCE COMPONENT CONDITION OF THE ASSEMBLY TO IDENTIFY AND SPECIFY THE NECESSARY DIMENSIONS ONLY. THE DELIVERED PARTS MAY DEVIATE FROM THE DRAWING REGARDING THE ORIENTATION AND POSITION OF EACH COMPONENT (e.g. SLACK CABLE), SO FAR THE FUNCTIONALITY IS NOT CONCERNED.

DIE ZEICHNUNG ZEIGT DEN 2-DIMENSIONALEN IDEALZUSTAND DES ZUSAMMENBAUTEILS BEZUEGLICH DER KOMPONENTEN ZUR IDENTIFIKATION UND SPEZIFIKATION DER NOTWENDIGEN DIMENSIONEN. HINSICHTLICH DER ORIENTIERUNG UND DER LAGE DER KOMPONENTEN (z.B. BIEGESCHLAFTES KABEL) KOENNEN DIE DELIEFERTEN TEILE VON DER ZEICHNUNG ABWEICHEN, SOFERN DIE FUNKTIONALITAET NICHT BEEINTRAECHTIGT IST.

REVISIONS

| P | LTR | DESCRIPTION                       | DATE       | DWN | APVD |
|---|-----|-----------------------------------|------------|-----|------|
|   | A1  | REMOVED TE PART NO. FOR THE CABLE | 19NOV2019  | MZ  | PR   |
|   | A2  | NOTE 5 UPDATED                    | 12FEB2020  | MZ  | PR   |
|   | A3  | NEW LENGTHS ADDED (-9, 1- -X)     | 21SEP2020  | MZ  | TD   |
|   | A4  | ADD NOTE 6                        | 24 JAN2023 | MZ  | TD   |

LENGTH SCHEDULE:

| TE PART NO. | REV. | LENGTH L<br>[mm] | TOL. | WEIGHT<br>[g] |
|-------------|------|------------------|------|---------------|
| 2362765-1   | A    | 600              | +20  | 9             |
| 2362765-2   | A    | 1500             | +20  | 20            |
| 2362765-3   | A    | 2000             | +25  | 26            |
| 2362765-4   | A    | 2500             | +30  | 32            |
| 2362765-5   | A    | 3000             | +40  | 38            |
| 2362765-6   | A    | 4000             | +40  | 50            |
| 2362765-7   | A    | 7500             | +40  | 92            |
| 2362765-8   | A    | 15000            | +40  | 182           |
| 2362765-9   | A    | 300              | +20  | 5             |
| 1-2362765-0 | A    | 800              | +20  | 11            |
| 1-2362765-1 | A    | 900              | +20  | 13            |
| 1-2362765-2 | A    | 1000             | +20  | 14            |
| 1-2362765-3 | A    | 5000             | +40  | 62            |
| 1-2362765-4 | A    | 6000             | +40  | 74            |
| 1-2362765-5 | A    | 7000             | +40  | 86            |
| 1-2362765-6 | A    | 8000             | +40  | 98            |
| 1-2362765-7 | A    | 10000            | +40  | 122           |

VIEW A

CONNECTOR A

CONNECTOR B

VIEW B

NOTES:

1

PACKAGING:  
ASSEMBLY IN TE STANDARD CARTON

2

ELECTRICAL TEST: 100% FOR CONTINUITY AND SHORT CIRCUIT.  
ACC. TE SPECIFICATION 108-18857.

3

DIMENSION OF LENGTH IS FOR STRAIGHT CABLE.

4

PRODUCT SPECIFICATION: 108-94568

5

JACKET PRINT: 100 Mbps MATENet UTP, TE-CZ, TE PN, REV., DATE CODE  
(DCWYY= D: DAY OF WEEK; CW: CALENDAR WEEK; YY: LAST TWO DIGITS OF YEAR)  
THE PRINT MAY DEVIATE FROM THE DRAWING REGARDING THE ORIENTATION AND POSITION.

6

RELEASED CABLE TYPES ACCORDING TE SPECIFICATION 114-94431.

WIRING SCHEDULE:

| CAVITY-NO.<br>CONNECTOR A | WIRE COLOUR | CAVITY-NO.<br>CONNECTOR B |
|---------------------------|-------------|---------------------------|
| 1                         | WHITE       | 1                         |
| 2                         | GREEN       | 2                         |

1-2302450-1

2

MATENET, FEMALE INSERT MODUL, BLACK

4

1-1703930-1

4

NANOMQS, RECEPTACLE TERMINAL

3

2302452-1

2

MATENET, FIXATION ELEMENT

2

-

see table

2 POS, CABLE, 0.13 SQMM, UNSHIELDED, ETHERNET

1

TE PART NO.

QTY  
- X

DESCRIPTION

ITEM NO.

DIESE ZEICHNUNG IST EIN KONTROLLIERTES DOKUMENT.  
BEMASSUNGEN UND TOLERANZEN GEMAESS GPS (ISO STANDARDS).

THIS DRAWING IS A CONTROLLED DOCUMENT.  
DIMENSIONING AND TOLERANCING PER GPS (ISO STANDARDS).

DIMENSIONS:  
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±

1 PLC ±

2 PLC ±

3 PLC ±

4 PLC ±

ANGLES ±

FINISH -

MATERIAL -

FINISH -

DWN  
M. Zelch  
26SEP2019

CHK  
P. Riedel  
26SEP2019

APVD  
T. Dirion  
27SEP2019

PRODUCT SPEC  
see note 4

APPLICATION SPEC  
-

WEIGHT  
see table

CUSTOMER DRAWING

TE

TE Connectivity

NAME  
MATENET, CABLE ASSY, 100 MBPS UTP

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
C=2362765

RESTRICTED TO  
-

SCALE  
2:1

SHEET  
1 OF 1

REV  
A4

1471-9 (3/13)

# Mouser Electronics

Authorized Distributor

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