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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
	A	NEW DRAWING	07JUL2020	MZ	TD
	A1	ADD NOTE FOR RELEASED CABLES	17APR2024	MZ	TD

LENGTH SCHEDULE:

TE PART NO.	REV.	LENGTH L [mm]	TOL.	WEIGHT [g]
2374831-1	A	500	+20	12
2374831-2	A	600	+20	14
2374831-3	A	900	+20	21
2374831-4	A	1000	+20	23
2374831-5	A	1500	+20	33
2374831-6	A	1660	+20	37
2374831-7	A	1800	+20	40
2374831-8	A	2000	+25	44
2374831-9	A	2500	+30	54
1-2374831-0	A	3000	+40	65
1-2374831-1	A	5000	+40	107
1-2374831-2	A	7500	+40	159
1-2374831-3	A	10000	+40	212
1-2374831-4	A	15000	+40	317

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 CABLES ACCORDING TE APPLICATION SPECIFICATION 114-94431.

WIRING SCHEDULE:

CAVITY-NO. CONNECTOR A	WIRE COLOUR	CAVITY-NO. CONNECTOR B
1	WHITE	1
2	GREEN	2

6

1-2302450-1	2	MATENET, FEMALE INSERT MODUL, BLACK	4
2-1703930-1	4	NANOMQS, RECEPTACLE TERMINAL	3
2365817-1	2	MATENET, FIXATION ELEMENT	2
-	see table	2 POS. CABLE, 0.35 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

-
-

DWN
M. Zelch
06JUL2020

CHK
P. Riedel
06JUL2020

APVD
T. Dirion
07JUL2020

PRODUCT SPEC
see note 4

APPLICATION SPEC
-

WEIGHT
see table

CUSTOMER DRAWING

TE Connectivity

NAME
MATENET, CABLE ASSY, 100 MBPS UTP
-
-

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=2374831

RESTRICTED TO
-

SCALE
2:1

SHEET
1 OF 1

REV
A1

1471-9 (3/13)