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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	NEW LENGTHS ADDED	24MAR2020	MZ	MW
	A2	NEW VARIANTS WITH RG174 COAX CABLE	13JAN2022	MZ	MW
	A3	NEW SHEET ADDED	14 JUL2023	HS	OK
	A4	NOTE ADDED	03AUG2023	HS	OK

VIEW A

NOTES

1

PACKAGING:
ASSEMBLIES PACKED IN TE STANDARD BOXES WITH INTERMEDIATE LAYERS OF CORRUGATED PAPER OR PAPER STUFFING.
GENERALLY: PACKAGING ACC. TO TE SPECIFICATION 107-18064 (ENGLISH) OR 107-18064-1 (GERMAN). USE CURRENT REVISION ALWAYS.

2

ELECTRICAL TEST: 100% FOR CONTINUITY AND SHORT CIRCUIT (CONDUCTOR, SCREEN AND HIGH VOLTAGE TEST, 1 kV DC / 0.1 s).
ELECTRICAL TEST ACC. TO TE SPECIFICATION 108-18857.
USE CURRENT REVISION ALWAYS.

3

LENGTH "L" ACCORDING TABLE IS FOR STRAIGHT CABLE.

4

MANUFACTURING CODE:
TE PART NO. AND CURRENT REV. LEVEL, LINE NUMBER, DATE CODE (DCWYS), LINE NUMBER (X): CAN BE NUMBER, LETTER OR CHARACTER (D: DAY, 1= SUNDAY; CW: CALENDER WEEK; Y: LAST DIGIT OF YEAR; S: SHIFT) TE PART NO. SEE TABLE.
MANUFACTURING CODE TO BE APPLIED AFTER SUCCESSFUL ELECTRICAL TEST.

5

APPLICATION SPECIFICATION FOR 180° MATE-AX CONNECTOR IS 114-94413
APPLICATION SPECIFICATION FOR 180° FAKRA II CONNECTOR IS 114-18622
PRODUCT SPECIFICATION FOR 180° MATE-AX CONNECTOR IS 108-94515
PRODUCT SPECIFICATION FOR 180° FAKRA II CONNECTOR IS 108-2129

6

RETAINER PRESENT AND CLOSED.

MATE-AX CAVITY-NO.	FAKRA II CODING
1	Z
2	Z
3	Z
4	Z

see table	-	COAX CABLE RG174	5
-	see table	COAX CABLE 50 OHM, RTK031	
4	4	1WAY JACK COAX CONNECTOR, CODE Z, WATER BLUE	4
4	-	COAX CONNECTOR, INSERT, RG174, MALE, 180 DEG.	3
-	4	COAX CONNECTOR, INSERT, RTK031, MALE, 180 DEG.	2
1	1	4POS. MATE-AX, REC. HOUSING, CODE Z	1
4	-	MATE-AX CONNECTOR, INSERT, RG174, FEMALE, 180 DEG.	
-	4	MATE-AX CONNECTOR, INSERT, RTK031, FEMALE, 180 DEG.	
QTY 1- X	QTY -X	DESCRIPTION	ITEM NO.

LENGTH SCHEDULE:

TE PART NO.	REV.	LENGTH L (mm)	CABLE TYPE
2360000-1	A	350 +20	RTK031
2360000-2	A	1000 +20	
2360000-3	A	2000 +30	
2360000-4	A	3000 +40	
1-2360000-1	A	350 +20	RG174
1-2360000-2	A	1000 +20	
1-2360000-3	A	2000 +30	
1-2360000-4	A	3000 +40	

PINNING:

MATE-AX CAVITY-NO.	FAKRA II CODING
1	Z
2	Z
3	Z
4	Z

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	-
	-

DWN M. Zelch 08MAY2019

CHK M. Weidner 08MAY2019

APVD HD. Fuhry 09MAY2019

PRODUCT SPEC see note 5

APPLICATION SPEC see note 5

WEIGHT -

CUSTOMER DRAWING

NAME FAKRA, CABLE ASSY

SIZE A2

CAGE CODE 00779

DRAWING NO. C=2360000

RESTRICTED TO -

SCALE 5:1

SHEET 1 OF 3

REV A4

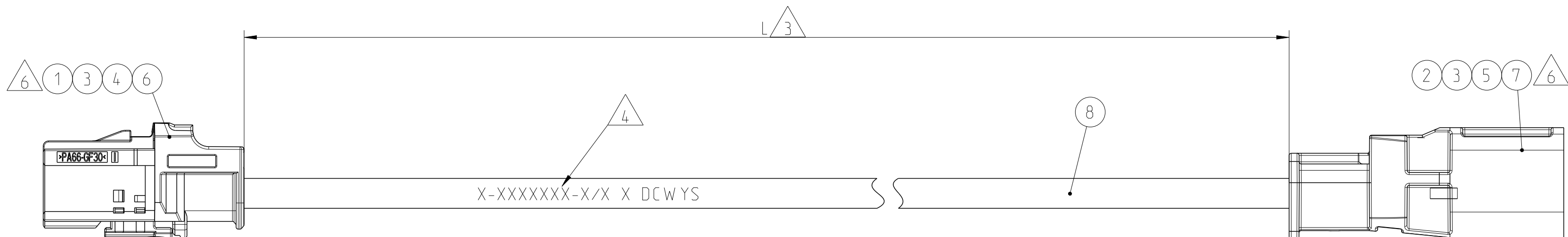
1471-9 (3/13)

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.

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



NOTES

- 1 PACKAGING:
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LAYERS OF CORRUGATED PAPER OR PAPER STUFFING.
GENERALLY: PACKAGING ACC. TO TE SPECIFICATION 107-18064 (ENGLISH)
OR 107-18064-1 (GERMAN). USE CURRENT REVISION ALWAYS.

- 2 ELECTRICAL TEST: 100% FOR CONTINUITY AND SHORT CIRCUIT
(CONDUCTOR, SCREEN AND HIGH VOLTAGE TEST, 1 kV DC / 0.1 s).
ELECTRICAL TEST ACC. TO TE SPECIFICATION 108-18857.
USE CURRENT REVISION ALWAYS.

-  LENGTH "L" ACCORDING TABLE IS FOR STRAIGHT CABLE.

4. MANUFACTURING CODE:
TE PART NO. AND CURRENT REV. LEVEL, LINE NUMBER, DATE CODE (DCWYS).
LINE NUMBER (X): CAN BE NUMBER, LETTER OR CHARACTER
(D: DAY, 1= SUNDAY; CW: CALENDER WEEK; Y: LAST DIGIT OF YEAR; S: SHIFT)
TE PART NO. SEE TABLE.
MANUFACTURING CODE TO BE APPLIED AFTER SUCCESSFUL ELECTRICAL TEST.

- 5 APPLICATION SPECIFICATION FOR 180° MATE-AX CONNECTOR IS 114-94413
PRODUCT SPECIFICATION FOR 180° MATE-AX CONNECTOR IS 108-94515

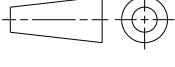
- 6 RETAINER PRESENT AND CLOSED.

- A4 7 ALTERNATIVELY THE RTK 031 COAX CABLE PN 956339-2 CAN BE USED INSTEAD OF RTK 031 COAX CABLE PN 956339-5

LENGTH TABLE

TE PART NO.	REV.	LENGTH L (mm)
2-2360000-1	A	2000 +30
2-2360000-2	A	3000 +30
2-2360000-3	A	5000 +30
2-2360000-4	A	7000 +30

see table	COAX CABLE RTK 031	8
1	MATE-AX, PIN OUTER CONTACT, RTK 031	7
1	MATE-AX, SOCKET OUTER CONTACT, RTK 031	6
1	MATE-AX, PIN CENTER CONTACT, RTK 031	5
1	MATE-AX, SOCKET CENTER CONTACT, RTK 031	4
2	MATE-AX, CRIMP FERRULE, RTK 031	3
1	1P, MATE-AX, PIN HSG ASSY, 180DEG, COD Z	2
1	1 P MATE-AX, SOC HSG , COD Z	1
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).		DWN M. Zelch	08MAY2019
DIMENSIONS: mm		CHK M. Weidner	08MAY2019
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD HD, Fuhrly	09MAY2019
		0 PLC $\pm$ 1 PLC $\pm$ 2 PLC $\pm$ 3 PLC $\pm$ 4 PLC $\pm$ ANGLES $\pm$	PRODUCT SPEC see note 5
MATERIAL		FINISH	WEIGHT
-		-	-
-		-	CUSTOMER DRAWING

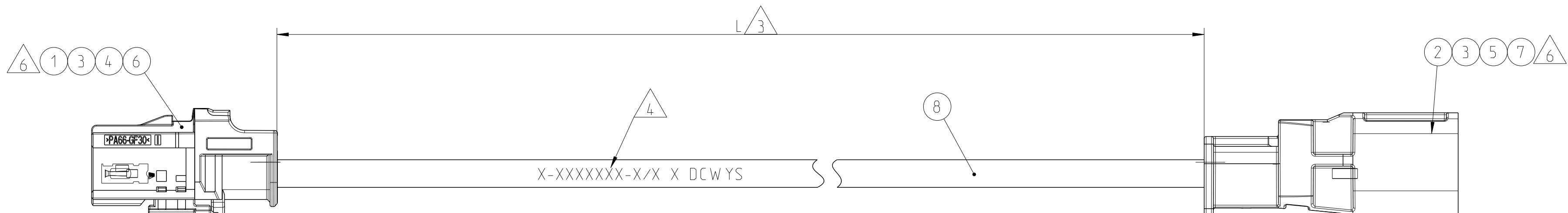
		TE Connectivity	
NAME FAKRA, CABLE ASSY			
- -			
SIZE		DRAWING NO	
A2		G=2360000	
CAGE CODE		RESTRICTED TO	
00779		-	
		SCALE	SHEET
		5:1	2 OF 3
			REV A4

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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



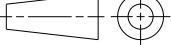
LENGTH TABLE

TE PART NO.	REV.	LENGTH L (mm)
3-2360000-1	A	300 +10
3-2360000-2	A	500 +10
3-2360000-3	A	1000 +30

NOTES

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PRODUCT SPECIFICATION FOR 180° MATE-AX CONNECTOR IS 108-94515
- 6 RETAINER PRESENT AND CLOSED.

see table	COAX CABLE,0.14 SQMM,RG174	8
1	MATE-AX, PIN OUTER CONTACT, RG 174	7
1	MATE-AX, SOCKET OUTER CONTACT, RG 174	6
1	MATE-AX, PIN CENTER CONTACT, RG 174	5
1	MATE-AX,SOCKET CENTER CONTACT, RG 174	4
2	MATE-AX, CRIMP FERRULE, RG 174	3
1	1P,MATE-AX,PIN HSG ASSY,180DEG,COD Z	2
1	1 P MATE-AX, SOC HSG , COD Z	1
QTY -X	DESCRIPTION	ITEM NO.

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		CHK M. Weidner	08MAY2019
		APVD HD. Fuhry	09MAY2019
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:	
		0 PLC	±
		1 PLC	±
		2 PLC	±
		3 PLC	±
		4 PLC	±
ANGLES		±	
MATERIAL	FINISH	PRODUCT SPEC	
-	-	see note 5	
-	-	APPLICATION SPEC	
-	-	see note 5	
		WEIGHT	-
		CUSTOMER DRAWING	

 TE Connectivity			
NAME FAKRA, CABLE ASSY - -			
SIZE A2	CAGE CODE 00779	DRAWING NO C=2360000	RESTRICTED TO -
SCALE 5:1		SHEET 3 OF 3	REV A4