

© -TE Connectivity. All Rights Reserved.

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	GTP	11JUN2023	ED	WH

CONN 1
MATEAX, FEMALE, 4P,
UNSEALED, 180°,
CODE Z, WATER BLUE,
W/O CLIP SLOT, W/O CPA
CONN TE PN: 2298721-9

5431

4321

(50)

8

Arond 4-5 Laps

2

4

L1

7

LABEL AT L1

(25)

6

SMA MALE

6

4

L2

SMA MALE

6

4

L3

SMA MALE

6

4

L4

SMA MALE

NOTE:

1. All CONNECTOR CRIMPING AND ASSEMBLY SHALL BE MADED PER TE SPECIFICATION 114-32145, 114-94413, THE LATEST VERSION SHALL BE USED UNLESS SPECIFIED OTHERWISE

1.1: SOCKET/PIN CONTACT CRIMP HEIGHT

1.2: FERRULE CRIMP HEIGHT

1.3: CONTACT POSITION(CONCENTRICITY)

1.4: CONNECTORS TO COAX CABLE RETENTION FORCE

2. 100% ONLINE ELECTRICAL TEST ACCORDING TO TE SPECIFICATION 108-18857

2.1: 100% POINT TO POINT CONTINUITY TEST FOR EACH CENTER CONTACT AND OUTER CONDUCTOR, NO OPEN, NO SHORT

2.2: HIGHT VOLTAGE TEST: NO BREAKDOWN AT 800V AC 100MS, MAX 1.5mA

2.3: INSULATION RESISTANCE TEST: 100MΩ MIN AT 500V DC 100MS

2.4: CONNECTING RESISTANCE: MAX 5 OHM

3. PRODUCT SPECIFICATION: 108-32137, 108-94515,

MEASUREMENT BASED ON STRAIGHT CABLE

L*

----- LENGTH IS 'L'

----- MEASURING POINT

5. TEMPERATURE RANGE: -40°C TO 105°C

WIRE POSITION SEE BESIDE TABLE

6

7. LABEL INFORMATION SEE BELOW

(50)

TE P/N: XXXXXXXX
DATE CODE: YYMMDD

BAR CODE: XXXXXXXX~YYMDDNXXXXXX

SEQUENCE NUMBER: 6 DIGITALS, STARTED FROM 000001

SHIFT INFORMATION: "D" DAY OR "N": NIGHT

MANUFACTURE DATE:
YY: Last digital of the year; MM: Month; DD: Day

SEPARATOR

TE PART NUMBER

6

WIRE FROM		WIRE TO		LENGTH(mm)	CABLE TYPE
CONN 1	CAV 1	CONN 2	CAV 1	L1	RTK031
CONN 1	CAV 2	CONN 2	CAV 2	L2	RTK031
CONN 1	CAV 3	CONN 2	CAV 3	L3	RTK031
CONN 1	CAV 4	CONN 2	CAV 4	L4	RTK031

TE P/N	L1(mm)	L2(mm)	L3(mm)	L4(mm)
2081346-1	300 ⁺¹⁰ ₀	300 ⁺¹⁰ ₀	300 ⁺¹⁰ ₀	300 ⁺¹⁰ ₀
2081346-2	600 ⁺¹⁰ ₀	600 ⁺¹⁰ ₀	600 ⁺¹⁰ ₀	600 ⁺¹⁰ ₀
2081346-3	1000 ⁺¹⁵ ₀	1000 ⁺¹⁵ ₀	1000 ⁺¹⁵ ₀	1000 ⁺¹⁵ ₀
2081346-4	2000 ⁺²⁰ ₀	2000 ⁺²⁰ ₀	2000 ⁺²⁰ ₀	2000 ⁺²⁰ ₀
2081346-5	3000 ⁺³⁰ ₀	3000 ⁺³⁰ ₀	3000 ⁺³⁰ ₀	3000 ⁺³⁰ ₀
2081346-6	5000 ⁺⁵⁰ ₀	5000 ⁺⁵⁰ ₀	5000 ⁺⁵⁰ ₀	5000 ⁺⁵⁰ ₀

	0.2m	0.2m	0.2m	0.2m	0.2m	0.2m	Tesa 51618 TAPE	8
	1 PCS	1 PCS	1 PCS	1 PCS	1 PCS	1 PCS	LABLE 15*50	7
	4 PCS	4 PCS	4 PCS	4 PCS	4 PCS	4 PCS	SMA MALE,RTK031	6
	4 PCS	4 PCS	4 PCS	4 PCS	4 PCS	4 PCS	FERRULE, MATEAX, RTK031	5
	4 PCS	4 PCS	4 PCS	4 PCS	4 PCS	4 PCS	SUBASSEMBLY, MATEAX, FEMALE, RTK031	4
	4 PCS	4 PCS	4 PCS	4 PCS	4 PCS	4 PCS	CENTER CONTACT, MATEAX, FEMALE, RTK031	3
	5.0m*4	3.0m*4	2.0m*4	1.0m*4	0.6m*4	0.3m*4	COAXIAL CABLE 50 OHM RTK031 105°C	2
	1 PCS	1 PCS	1 PCS	1 PCS	1 PCS	1 PCS	MATEAX, FEMALE, UNSEALED, LOCAL, 4P, 180°, W/O CLIP SLOT, CODE Z, WATER BLUE, 2298721-9	1
QUANTITY							DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± 5

1 PLC ± 3

2 PLC ± 2

3 PLC ± -

4 PLC ± -

ANGLES ± -

FINISH -

DWN
ED
CHK
RZ
APVD
WH
PRODUCT SPEC
APPLICATION SPEC
WEIGHT
CUSTOMER DRAWING

24MAR2023
24MAR2023
24MAR2023
-

-

-

SCALE
-

NAME
CABLE ASSY,MATE AX F TO SMA M,
WITH RTK031 CABLE, Z CODE
-

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=2081346

RESTRICTED TO
-

1 OF 1

REV
A

1471-9 (1/15)