

D

C

B

A

D

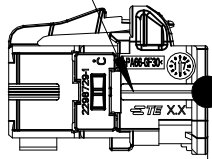
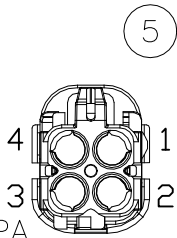
C

B

A

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



(50)

7

Arond 4-5 Laps

2



L1, L2, L3, L4

Arond 4-5 Laps

7

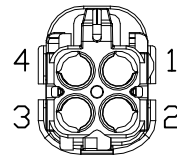
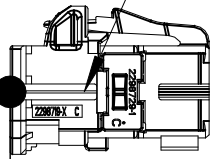
LABEL

6

LABEL AT L1

(25)

(50)



CONN 2
MATEAX, FEMALE, 4P,
UNSEALED, 180°,
CODE Z, WATER BLUE,
W/O CLIP SLOT, W/O CPA
CONN TE PN: 2298721-9

NOTE:

1. All CONNECTOR CRIMPING AND ASSEMBLY SHALL BE MADE PER TE SPECIFICATION 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 CONTINUTY 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: 108-94515,

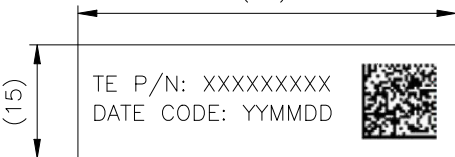
4. MEASUREMENT BASED ON STRAIGHT CABLE



5. TEMPERATURE RANGE: -40°C TO 105°C

6. WIRE POSITION SEE BESIDE TABLE

7. LABEL INFORMATION SEE BELOW
(50)



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



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

			0.4m	0.4m	0.4m	0.4m	0.4m	0.4m	Tesa 51618 TAPE	7
			1 PCS	1 PCS	1 PCS	1 PCS	1 PCS	1 PCS	LABLE 15*50	6
			8 PCS	8 PCS	8 PCS	8 PCS	8 PCS	8 PCS	FERRULE, MATEAX, RTK031	5
			8 PCS	8 PCS	8 PCS	8 PCS	8 PCS	8 PCS	SUBASSEMBLY, MATEAX, FEMALE, RTK031	4
			8 PCS	8 PCS	8 PCS	8 PCS	8 PCS	8 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
			2 PCS	2 PCS	2 PCS	2 PCS	2 PCS	2 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.			DWN	ED	24MAR2023	TE Connectivity							
			CHK	RZ	24MAR2023								
			APVD	WH	24MAR2023								
			PRODUCT SPEC										
DIMENSIONS: mm			TOLERANCES UNLESS OTHERWISE SPECIFIED:			NAME MATE AX STR Female TO MATE AX STR Female, WITH RTK031 CABLE,Z CODE							
			0 PLC ± 5			—							
			1 PLC ± 3										
			2 PLC ± 2										
			3 PLC ± —										
			4 PLC ± —										
ANGLES ± —			APPLICATION SPEC			—							
MATERIAL			FINISH			WEIGHT			—	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
—			—			A2			00779	C=2081392		—	
CUSTOMER DRAWING						SCALE		—		SHEET		1 of 1	
										REV		A	

Mouser Electronics

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[TE Connectivity:](#)

[2081392-2](#)