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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	ADD PARTS 2425894-1/2	24FEB2023	JME	—

①②③④⑤⑥⑦

CON A
RSB: AMZW25-000A
TE: 2388953-1
GM: 13544819
FEMALE; 4P
CODE A; BLACK

CAV1: AM/FM
CAV2: RVC
CAV3: WIFI
CAV4: XM

⑧ RTK031

⑨ RG174LL

⑩⑪⑫⑬⑭⑮⑯

CON B
TE: 2272522-1
GM: 13515669
MALE; 2P
CODE A; BLACK
CAV1: AM/FM
CAV2: XM

⑰⑱⑲⑳㉑

CON C
TE: 2289730-9
GM: 13516221
FEMALE; 1P
CODE I; BEIGE
CLP: TE 1-2005107-1
WIFI

㉒⑳㉓㉔㉕

CON D
TE: 1-2272518-2
GM: 13515650
MALE; 1P
CODE M; PASTE ORANGE
RVC

SUB-CABLE	CON FROM	CON TO	WIRE TYPE	LENGTH REF
1	A CAV 1	B CAV 1	RTK031	790
2	A CAV 2	D	RG174LL	930
3	A CAV 3	C	RTK031	845
4	A CAV 4	B CAV 2	RG174LL	790

NOTE:

1. All FAKRA RF CONNECTOR PERFORMANCE FOLLOW SPEC 108-32137, AND MADE/ASSEMBLED PER SPEC114-32145, MA_AMV011UNLESS SPECIFIED OTHERWISE THE LATEST VERSION SHALL BE USED.

1.1: SOCKET/PIN CONTACT CRIMP HEIGHT

1.2: FERRULE CRIMP HEIGHT

1.3: COANTCT POSITION(CONCENTRICITY)

1.4: GAP FROM CLOSET POINT OF FERRULE TO THE CAVITY INVERT

2. ELECTRICAL TEST ON LINE, 100% TEST

2.1: CONTINUTY TEST FOR CENTER AND OUTER CONDUCT, PONIT TO POINT

2.2: SHORT CIRCUIT TEST

2.3: INSULATION RESISTANCE TEST: 100MΩ MIN AT 500VDC

2.4: HIGHT VOLTAGE TEST: NO BREAKDOWN AT 800V AC 100MS

3. CABLE RETENTION FORCE ≥110N

4. TEMPERATURER RANGE: -40~85°C (OPERATION/STORAGE)

5. TOLERANCE OF THE LENGTH FOLLOW BELOW REQUIREMENT

LENGTH(MM)	TOLERANCE(MM)
<500	+10/-0
<1000	+20/-0
≥1000	+30/-0

6: FLEECE TAPE OVERLAPPING RATIO 30% REF.

7: LABEL DIFINITION:

12345678

1234567890123X

123456789

LSYD000000000001

12345678

1234567890123X

123456789

LSYD000000000001

GM Part Number

VPPS Code

Supplier DUNS

Date track

GM Part Number identifier

VPPS identifier

Supplier DUNS identifier

Traceability identifier

[]>R_s06_sY1234567890123X_sP12345678_s12V123456789_sTLSYYDD0000000001_sE_sO_r

VPPS Code

GM Part Number

Supplier DUNS

are Manufactured/Assembled Line identifier

S=D/N (D: Day shift; N: Night shift)

YY=Last digit of the year

DDD=Julian Day Manufactured/Assembled

9 numeric sequence number started from 000000001

8: PVC MARKING TAPE COLOR
DEFAULT: BLACK
R: RED
Y: YELLOW
L: BLUE

GM PART NUMBER

VPPS CODE

TE P/N

TE P/N SAMPLE

SUPPLIER DUNS

COMMENT

42859181

7419800000000X

2425894-1

9-2425894-1

527931014

9BYC-N,AM/FM+XM+RVC+WIFI

1	PC	LABEL	25
AR	MM	FLEECE TAPE (CHEMITEC 8531)	24
AR	MM	PVC TAPE YELLOW	23
2	PC	CLIP, HELLERMANNTYTON 157-00128	22
1	PC	CLIP HSG FOR 1.5MM 2P CAP	21
1	PC	FAKRA A, MALE, 1P, UNSEALED, 180, WITH CPA, WITHOUT CLIPSLOT, CODE M, PASTEL ORANGE	20
1	PC	CENTER CONTACT, FAKRA A, FEMALE, RTK031	19
1	PC	SUBASSEMBLY, FAKRA A, FEMALE, RTK031	18
1	PC	FAKRA A, FEMALE, 1P, UNSEALED, 180, WITH CPA, WITH CLIPSLOT, CODE I, BEIGE	17
2	PC	CENTER CONTACT, FAKRA A, MALE, RG174LL	16
2	PC	SUBASSEMBLY, FAKRA A, MALE, RG174LL	15
2	PC	FERRULE, FAKRA A, RG174LL	14
1	PC	CENTER CONTACT, FAKRA A, MALE, RTK031	13
1	PC	SUBASSEMBLY, FAKRA A, MALE, RTK031	12
2	PC	FERRULE, FAKRA A, RTK031	11
1	PC	FAKRA A, MALE, 2P, UNSEALED, 180, WITH CPA, WITHOUT CLIPSLOT, CODE A, BLACK	10
AR	MM	COAXIAL CABLE RG174LL	9
AR	MM	COAXIAL CABLE RTK031	8
2	PC	CENTER CONTACT, HFM, FEMALE, RTK031	7
2	PC	SUBASSEMBLY, HFM, FEMALE, RTK031	6
2	PC	FERRULE, HFM, RTK031	5
2	PC	CENTER CONTACT, HFM, FEMALE, RG174LL	4
2	PC	SUBASSEMBLY, HFM, FEMALE, RG174LL	3
2	PC	FERRULE, HFM, RG174LL	2
1	PC	RSB HFM 4P FEMALE AMZW25-000X, CODE A, BLACK	1
USAGE	UNIT	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN

JME

24FEB2023

CHK

S.Z

24FEB2023

APVD

T.G

24FEB2023

PRODUCT SPEC

—

APPLICATION SPEC

—

WEIGHT

0

CUSTOMER DRAWING

TE

TE Connectivity

NAME

9BXX MCM CABLE ASSY

SIZE

00779

CAGE CODE

00779

DRAWING NO

2415894

RESTRICTED TO

—

SCALE

1:1

SHEET

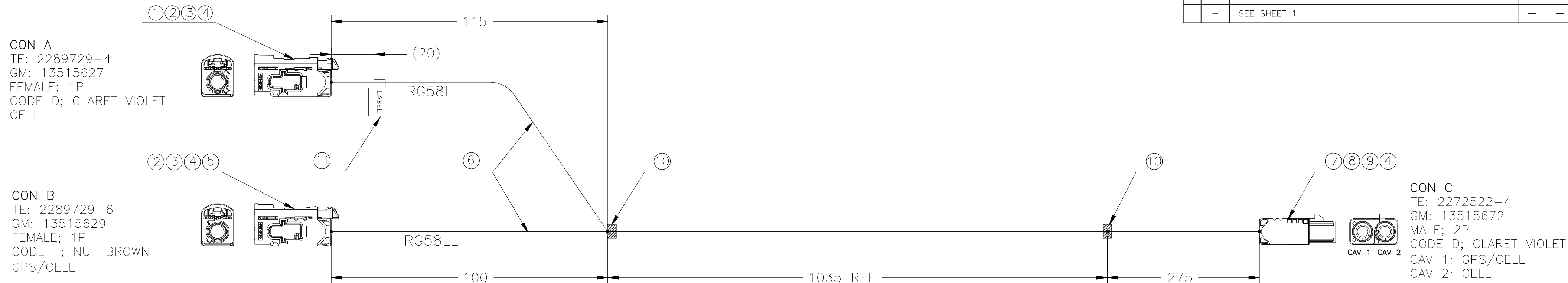
1 of 4

REV

A1

1471-9 (1/15)

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



SUB-CABLE	CON FROM	CON TO	WIRE TYPE	LENGTH REF
1	A	C CAV 2	RG58LL	1425
2	B	C CAV 1	RG58LL	1410

GM PART NUMBER	VPPS CODE	TE P/N	TE P/N SAMPLE	SUPPLIER DUNS	COMMENT
42859182	7419800000000X	2425894-3	9-2425894-3	527931014	9BYC-N,GPS/CELL

NOTE:

1. ALL FAKRA RF CONNECTOR PERFORMANCE FOLLOW SPEC 108-32137, AND MADE/ASSEMBLED PER SPEC114-32145, UNLESS SPECIFIED OTHERWISE THE LATEST VERSION SHALL BE USED.

- ☐ 1.1: SOCKET/PIN CONTACT CRIMP HEIGHT
- ☒ 1.2: FERRULE CRIMP HEIGHT
- ☐ 1.3: COACTCT POSITION(CONCENTRICITY)
- ☒ 1.4: GAP FROM CLOSET POINT OF FERRULE TO THE CAVITY INVERT

2. ELECTRICAL TEST ON LINE, 100% TEST

- 2.1: CONTINUITY TEST FOR CENTER AND OUTER CONDUCT, POINT TO POINT
- 2.2: SHORT CIRCUIT TEST
- 2.3: INSULATION RESISTANCE TEST: 100MΩ MIN AT 500VDC
- 2.4: HIGH VOLTAGE TEST: NO BREAKDOWN AT 800V AC 100MS

☒ 3. CABLE RETENTION FORCE $\geq 110\text{N}$

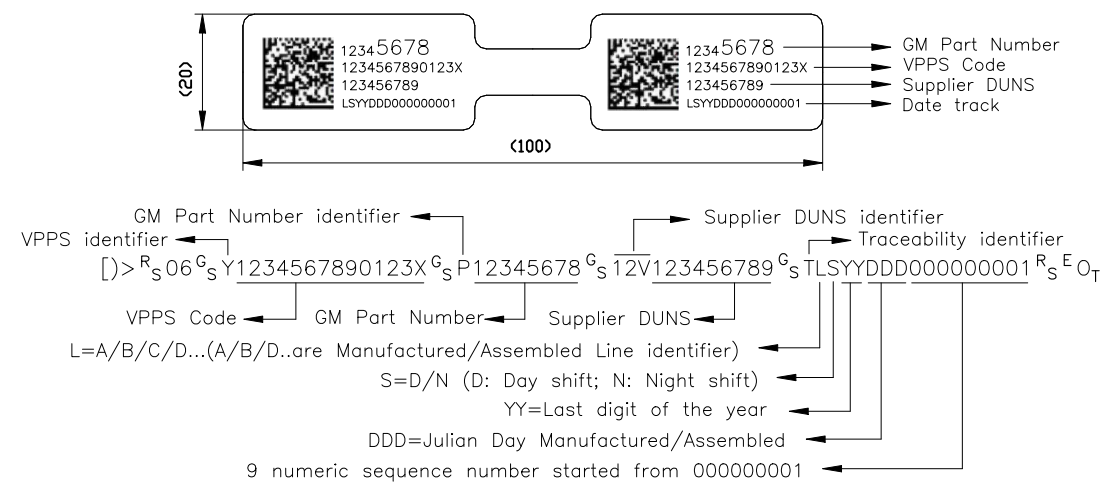
4: TEMPERATURER RANGE: -40~85°C (OPERATION/STORAGE)

5: TOLERANCE OF THE LENGTH FOLLOW BELOW REQUIREMENT

LENGTH(MM)	TOLERANCE(MM)
<500	+10/-0
<1000	+20/-0
≥1000	+30/-0

6: FLEECE TAPE OVERLAPPING RATIO 30% REF.

7: LABEL DEFINITION:



8: PVC MARKING TAPE COLOR 
 DEFAULT: BLACK
 R: RED
 Y: YELLOW
 L: BLUE

1	PC	LABEL	11
AR	MM	PVC TAPE YELLOW	10
2	PC	SUBASSEMBLY, FAKRA A, MALE, RG58LL	9
2	PC	CENTER CONTACT, FAKRA A, MALE, RG58LL	8
1	PC	FAKRA A, MALE, 2P, UNSEALED, 180, WITH CPA, WITHOUT CLIPSLOT, CODE D, CLARET VIOLET	7
AR	MM	COAXIAL CABLE RG58LL	6
1	PC	FAKRA A, FEMALE, 1P, UNSEALED, 180, WITH CPA, WITHOUT CLIPSLOT, CODE F, NUT BROWN	5
4	PC	FERRULE, FAKRA A, RG58LL	4
2	PC	SUBASSEMBLY, FAKRA A, FEMALE, RG58LL	3
2	PC	CENTER CONTACT, FAKRA A, FEMALE, RG58LL	2
1	PC	FAKRA A, FEMALE, 1P, UNSEALED, 180, WITH CPA, WITHOUT CLIPSLOT, CODE D, CLARET VIOLET	1
USAGE	UNIT	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.			DWG JME24FEB2023		TE Connectivity						
			CHK S.Z24FEB2023								
			APVD T.G24FEB2023								
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME		9BXX MCM CABLE ASSY					
		0 PLC ± -		PRODUCT SPEC		-					
		1 PLC ± -		-		-					
		2 PLC ± -		APPLICATION SPEC		-					
		3 PLC ± -		-		-					
4 PLC ± -		-		SIZE		CAGE CODE		DRAWING NO		RESTRICTED TO	
MATERIAL		FINISH		WEIGHT		A200779		C-2415894		-	
-		-		-		CUSTOMER DRAWING		SCALE		SHEET	
								1:1		3 of 4	
										REV A1	

