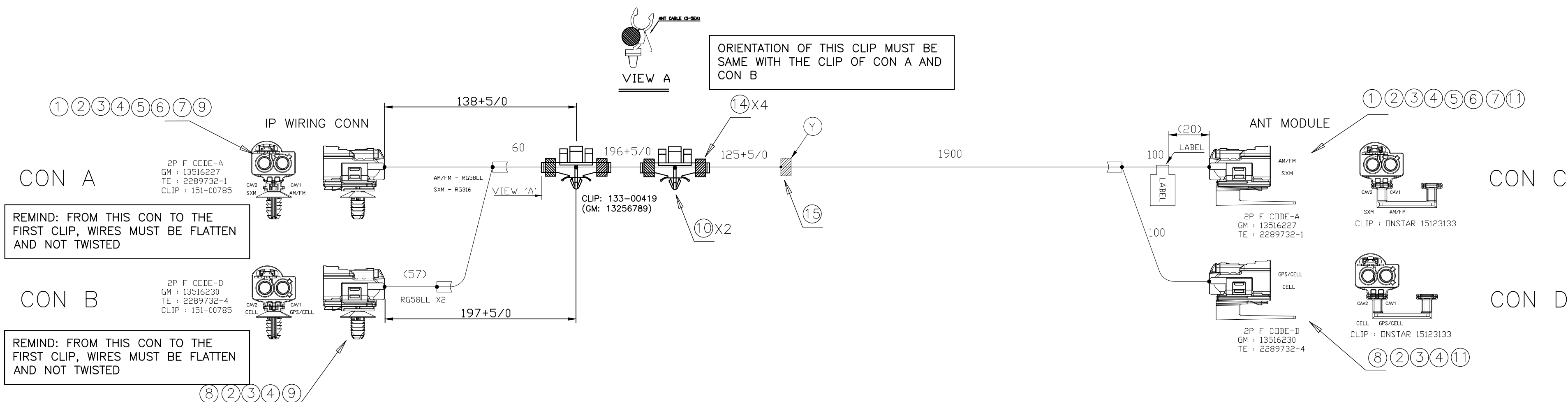


P	LTR	DESCRIPTION	DATE	DWN	APVD
	—	SEE SHEET 1	—	—	—



SUB-CABLE	CON FROM	CON TO	WIRE TYPE	LENGTH
1	A CAV 1	C CAV 1	RG58LL	2459
2	A CAV 2	C CAV 2	RG316	2459
3	B CAV 1	D CAV 1	RG58LL	2518
4	B CAV 2	D CAV 2	RG58LL	2518

GM PART NUMBER	VPPS CODE	TE P/N	TE P/N SAMPLE	SUPPLIER DUNS
42764120	7419800000000X	2332478-2	9-2332478-2	527931014

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: COAXIAL POSITION (CONCENTRICITY)

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 $\geq 110\text{N}$

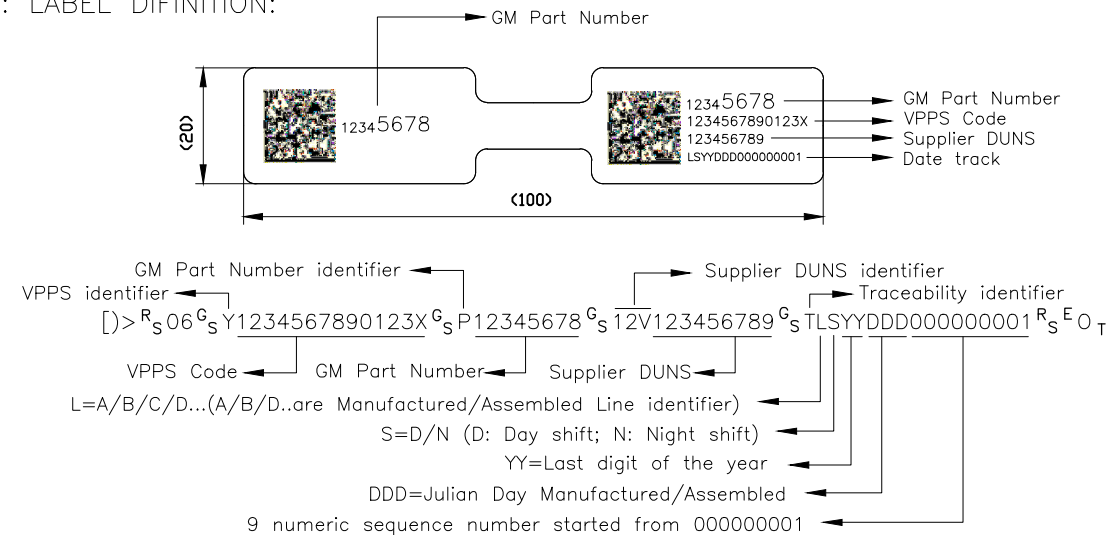
4: TEMPERATURE RANGE: -40~85°C (OPERATION/STORAGE)

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.

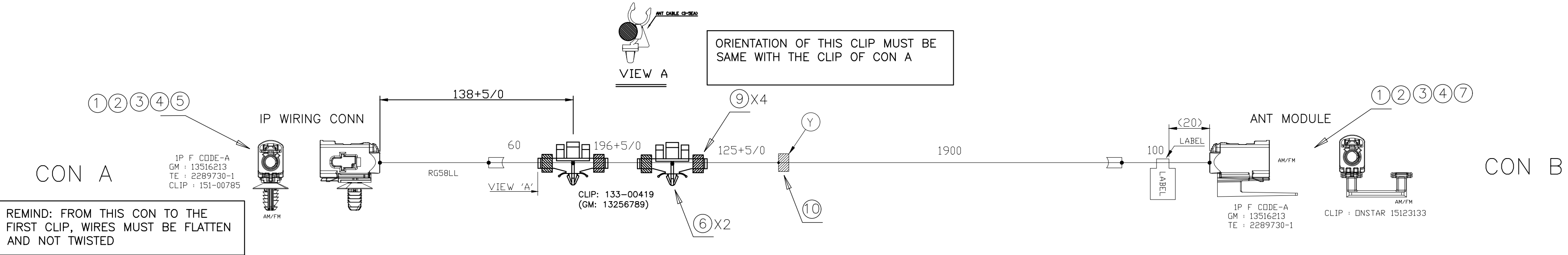
7: LABEL DIFINITION:



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

1	PC	LABEL	17
-	mm	FLEECE TAPE (CHEMITEC 8531)	16
-	mm	PVC TAPE YELLOW	15
-	mm	PVC TAPE BLACK	14
-	mm	RG316	13
-	mm	CONDUMEX RG-58LL	12
2	PC	ONSTAR CLIP 15123133 2336036-1	11
2	PC	Clip 133-00419	10
1	PC	Clip 151-00785	9
2	PC	22289732-4 FEMALE KIT, UNASSEMBLED, CLIP SLOT, 1 POSITION, FAKRA	8
1	PC	CONTACT for RG174LL+RG316	7
2	PC	SUB-ASSEMBLY for RG174LL+RG316	6
2	PC	FERRULE for RG174LL+RG316	5
6	PC	CENTER CONTACT	4
6	PC	INSERT SUBASSEMBLY	3
6	PC	OUT FERRULE	2
2	PC	22289732-1 FEMALE KIT, UNASSEMBLED, CLIP SLOT, 1 POSITION, FAKRA	1
QTY	UNIT	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN G.J.H. 20MAR2018		 TE Connectivity Ltd.			
		CHK T.W. 20MAR2018					
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD P.W. 20MAR2018		NAME	
		0 PLC ± -		9BXX CABLE ASSY			
		1 PLC ± -					
		2 PLC ± -					
		3 PLC ± -					
		4 PLC ± -					
ANGLES		± -		APPLICATION SPEC			
MATERIAL		FINISH		WEIGHT		RESTRICTED TO	
-		-		-		-	
CUSTOMER DRAWING						SCALE 1:1	
						SHEET 2 of 6	
						REV F	



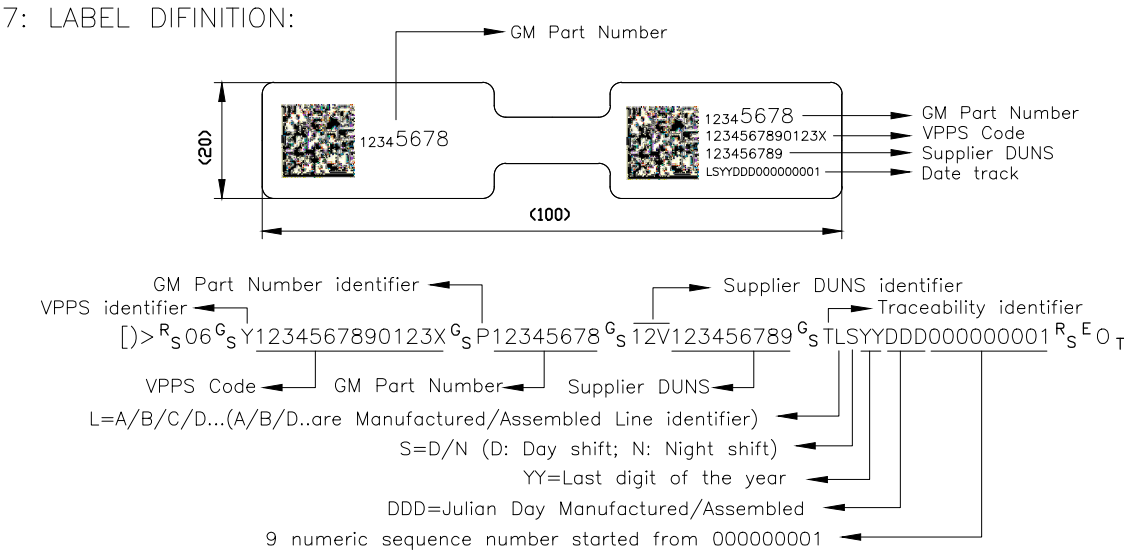
SUB-CABLE	CON FROM	CON TO	WIRE TYPE	LENGTH
1	A	B	RG58LL	2459

GM PART NUMBER	VPPS CODE	TE P/N	TE P/N SAMPLE	SUPPLIER DUNS
42764121	7419800000000X	2332478-3	9-2332478-3	527931014

- NOTE:
- 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: COANTCT POSITION(CONCENTRICITY)
 - 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
 - CABLE RETENTION FORCE $\geq 110N$
 - TERMPERATURER RANGE: -40~85°C (OPERATION/STORAGE)
 - TOLERANCE OF THE LENGTH FOLLOW BELOW REQUIREMENT

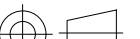
LENGTH(MM)	TOLERANCE(MM)
<500	+10/-0
<1000	+20/-0
≥ 1000	+30/-0

- 6: FLEECE TAPE OVERLAPPING RATIO 30% REF.



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

1	PC	LABEL	12
-	mm	FLEECE TAPE (CHEMITEC 8531)	11
-	mm	PVC TAPE YELLOW	10
-	mm	PVC TAPE BLACK	9
-	mm	CONDUMEX RG-58LL	8
1	PC	ONSTAR CLIP 15123133 2336036-1	7
2	PC	Clip 133-00419	6
1	PC	Clip 151-00785	5
2	PC	CENTER CONTACT	4
2	PC	INSERT SUBASSEMBLY	3
2	PC	OUT FERRULE	2
2	PC	2289730-1 FEMALE KIT, UNASSEMBLED, CLIP SLOT, 1 POSITION, FAKRA	1
QTY	UNIT	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN G.J.H 20MAR2018		TE Connectivity Ltd.		
DIMENSIONS: mm		CHK T.W 20MAR2018				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD P.W 20MAR2018		NAME 9BXX CABLE ASSY		
		PRODUCT SPEC —				
0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± —		APPLICATION SPEC —		SIZE A2		
MATERIAL —		WEIGHT —				
FINISH —		CUSTOMER DRAWING		DRAWING NO C=2332478		
				RESTRICTED TO —		
				SCALE 1:1		
				SHEET 3 of 6		
				REV E		

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

CON A

1P F CODE-A
GM : 13516213
TE : 2289730-1
CLIP : 151-00785

AM/FM

CON B

2P F CODE-F
GM : 13516232
TE : 2289732-6
CLIP : 151-00785

CAV2 CELL CAV1 GPS/CELL

IP WIRING CONN

138+5/0

60

196+5/0

125+5/0

1900

100

100

ANT MODULE

1P F CODE-A
GM : 13516213
TE : 2289730-1

CAV2 CAV1 GPS/CELL AM/FM

CLIP : DNSTAR 15123133

2P F CODE-F
GM : 13516232
TE : 2289732-6

VIEW A

ORIENTATION OF THIS CLIP MUST BE SAME WITH THE CLIP OF CON A AND CON B

VIEW 'A'

CLIP: 133-00419 (GM: 13256789)

7X2

11

10X4

125+5/0

196+5/0

60

138+5/0

1900

100

100

ANT MODULE

1P F CODE-A
GM : 13516213
TE : 2289730-1

CAV2 CAV1 GPS/CELL AM/FM

CLIP : DNSTAR 15123133

2P F CODE-F
GM : 13516232
TE : 2289732-6

1 2 3 4 6

5 2 3 4 6

1 2 3 4 8

5 2 3 4 8

REMINDE: FROM THIS CON TO THE FIRST CLIP, WIRES MUST BE FLATTEN AND NOT TWISTED

REMINDE: FROM THIS CON TO THE FIRST CLIP, WIRES MUST BE FLATTEN AND NOT TWISTED

SUB-CABLE	CON FROM	CON TO	WIRE TYPE	LENGTH
1	A	C	RG58LL	2459
2	B CAV 1	D CAV 1	RG58LL	2518
3	B CAV 2	D CAV 2	RG58LL	2518

GM PART NUMBER	VPPS CODE	TE P/N	TE P/N SAMPLE	SUPPLIER DUNS
42742076	74198000000000X	2332478-5	9-2332478-5	527931014

1	PC	LABEL	13
-	mm	FLEECE TAPE (CHEMITEC 8531)	12
-	mm	PVC TAPE YELLOW	11
-	mm	PVC TAPE BLACK	10
-	mm	CONDUMEX RG-58LL	9
1	PC	ONSTAR CLIP 15123133 2336036-1	8
2	PC	Clip 133-00419	7
2	PC	Clip 151-00785	6
2	PC	22289732-6 FEMALE KIT, UNASSEMBLED, CLIP SLOT, 1 POSITION, FAKRA	5
6	PC	CENTER CONTACT	4
6	PC	INSERT SUBASSEMBLY	3
6	PC	OUT FERRULE	2
2	PC	2289730-1 FEMALE KIT, UNASSEMBLED, CLIP SLOT, 1 POSITION, FAKRA	1
QTY	UNIT	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -
FINISH

MATERIAL

FINISH

DWN
G.J.H
20MAR2018

CHK
T.W
20MAR2018

APVD
P.W
20MAR2018

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE

TE Connectivity Ltd.

NAME

9BXX CABLE ASSY

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=2332478

RESTRICTED TO

SCALE
1:1

SHEET
4 of 6

REV
E

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: COANTCT POSITION(CONCENTRICITY)

2. ELECTRICAL TEST ON LINE, 100% TEST

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

2.2: SHORT CIRCUIT TEST

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

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

3. CABLE RETENTION FORCE ≥110N

4. TERMPERATURER 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
LSY10000000000001

12345678
1234567890123X
123456789
LSY10000000000001

GM Part Number

VPPS Code

Supplier DUNS

Date track

GM Part Number identifier

Supplier DUNS identifier

Traceability identifier

VPPS identifier

[]>R_S06G_SY1234567890123XG_SP12345678G_ST2V123456789G_STL_SYYDDDD0000000001R_SE_OT

VPPS Code

GM Part Number

Supplier DUNS

L=A/B/C/D...(A/B/D...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

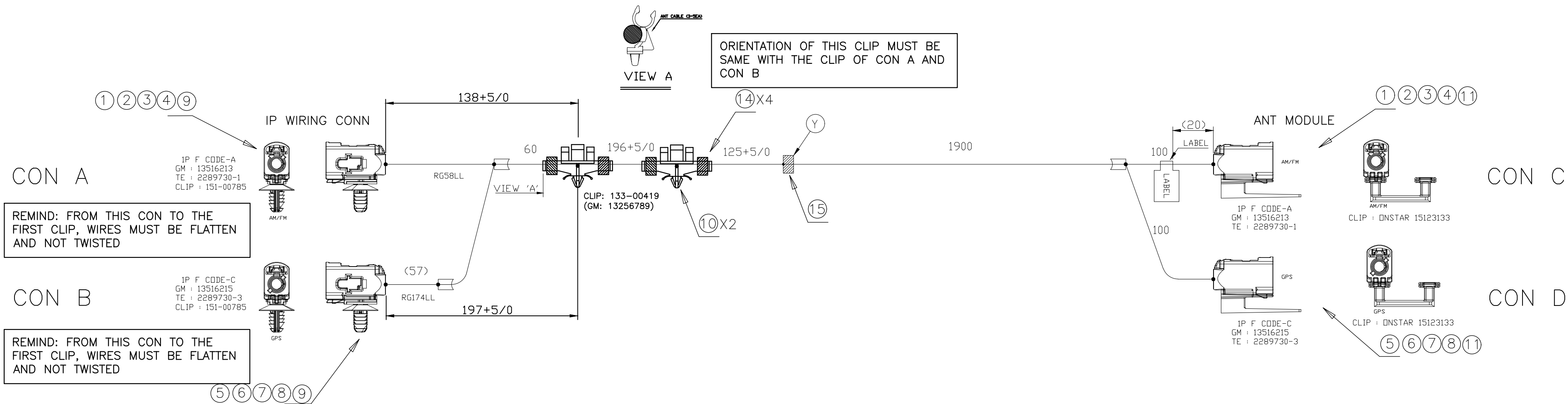
DEFAULT: BLACK

R: RED

Y: YELLOW

L: BLUE

1471-9 (1/15)



SUB-CABLE	CON FROM	CON TO	WIRE TYPE	LENGTH
1	A	C	RG58LL	2459
2	B	D	RG174LL	2518

GM PART NUMBER	VPPS CODE	TE P/N	TE P/N SAMPLE	SUPPLIER DUNS
42764123	7419800000000X	2332478-6	9-2332478-6	527931014

1	PC	LABEL	17
-	mm	FLEECE TAPE (CHEMITEC 8531)	16
-	mm	PVC TAPE YELLOW	15
-	mm	PVC TAPE BLACK	14
-	mm	CONDUMEX RG-174LL	13
-	mm	CONDUMEX RG-58LL	12
2	PC	ONSTAR CLIP 15123133 2336036-1	11
2	PC	Clip 133-00419	10
2	PC	Clip 151-00785	9
2	PC	CONTACT for RG174LL+RG316	8
2	PC	SUB-ASSEMBLY for RG174LL+RG316	7
2	PC	FERRULE for RG174LL+RG316	6
1	PC	2289730-3 FEMALE KIT, UNASSEMBLED, CLIP SLOT, 1 POSITION, FAKRA	5
2	PC	CENTER CONTACT	4
2	PC	INSERT SUBASSEMBLY	3
2	PC	OUT FERRULE	2
2	PC	2289730-1 FEMALE KIT, UNASSEMBLED, CLIP SLOT, 1 POSITION, FAKRA	1
QTY	UNIT	DESCRIPTION	ITEM

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: COANTCT POSITION(CONCENTRICITY)
2. ELECTRICAL TEST ON LINE, 100% TEST
- 2.1: CONTINUTY TEST FOR CENTER AND OUTER CONDUCT, PONIT TO POINT

2.2: SHORT CIRCUIT TEST

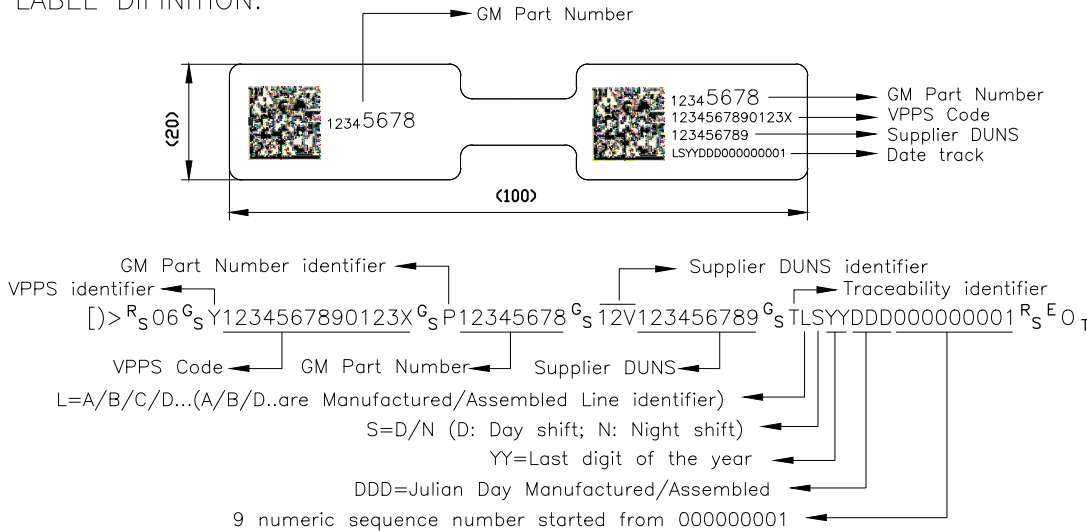
2.3: INSULATION RESISTANCE TEST: 100MΩ MIN AT 500VDC

2.4: HIGHT VOLTAGE TEST: NO BREAKDOWN AT 800V AC 100MS
3. CABLE RETENTION FORCE ≥110N
4. TERMPERATURER 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:



8: PVC MARKING TAPE COLOR

DEFAULT: BLACK
R: RED
Y: YELLOW
L: BLUE

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN G.J.H	20MAR2018	TE Connectivity Ltd.	
DIMENSIONS: mm		CHK T.W	20MAR2018		
		APVD P.W	20MAR2018	NAME	
		PRODUCT SPEC		9BXX CABLE ASSY	
MATERIAL		APPLICATION SPEC		SIZE	RESTRICTED TO
		FINISH		CAGE CODE	
		WEIGHT		DRAWING NO	
		CUSTOMER DRAWING		00779	
		SCALE		1:1	
		SHEET		5 of 6	
		REV		E	

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

CON A

1P F CODE-A
GM : 13516213
TE : 2289730-1
CLIP : 151-00785

REMIND: FROM THIS CON TO THE FIRST CLIP, WIRES MUST BE FLATTEN AND NOT TWISTED

CON B

2P F CODE-F
GM : 13516232
TE : 2289732-6
CLIP : 151-00785

REMIND: FROM THIS CON TO THE FIRST CLIP, WIRES MUST BE FLATTEN AND NOT TWISTED

VIEW A

ANT CABLE CH-250A

ORIENTATION OF THIS CLIP MUST BE SAME WITH THE CLIP OF CON A AND CON B

138+5/0

60

VIEW 'A'

196+5/0

125+5/0

1900

10X4

7X2

11

Y

CON C

1P F CODE-A
GM : 13516213
TE : 2289730-1

ANT MODULE

CLIP : DNSTAR 15123133

CON D

2P F CODE-F
GM : 13516232
TE : 2289732-6

GPS/CELL CELL

CLIP : DNSTAR 15123133

SUB-CABLE CON FROM CON TO WIRE TYPE LENGTH

1	A	C	RG58LL	2459
2	B CAV 1	D CAV 1	RG58LL	2518
3	B CAV 2	D CAV 2	RG58LL	2518

GM PART NUMBER VPPS CODE TE P/N SUPPLIER DUNS

42764124	7419800000000X	2332478-7	527931014
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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: COANTCT POSITION(CONCENTRICITY)

2. ELECTRICAL TEST ON LINE, 100% TEST

2.1: CONTINUITY 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. TERMPERATURER 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:

GM Part Number

12345678

12345678

1234567890123X

123456789

LSYYDD0000000001

GM Part Number

VPPS Code

Supplier DUNS

Date track

GM Part Number identifier

VPPS identifier

Supplier DUNS identifier

Traceability identifier

[>R_s06G_sY1234567890123X_GSP12345678_GS12V123456789_GSLSYDDDD0000000001_RS_FO_T

VPPS Code

GM Part Number

Supplier DUNS

L=A/B/C/D...(A/B/D...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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± -

MATERIAL -

FINISH -

DWN G.J.H 20MAR2018

CHK T.W 20MAR2018

APVD P.W 20MAR2018

PRODUCT SPEC -

APPLICATION SPEC -

WEIGHT -

CUSTOMER DRAWING

TE

TE Connectivity Ltd.

NAME -

9BXX CABLE ASSY

SIZE A2

CAGE CODE 00779

DRAWING NO C=2332478

RESTRICTED TO -

SCALE 1:1

SHEET 6 OF 6

REV E

1471-9 (1/15)