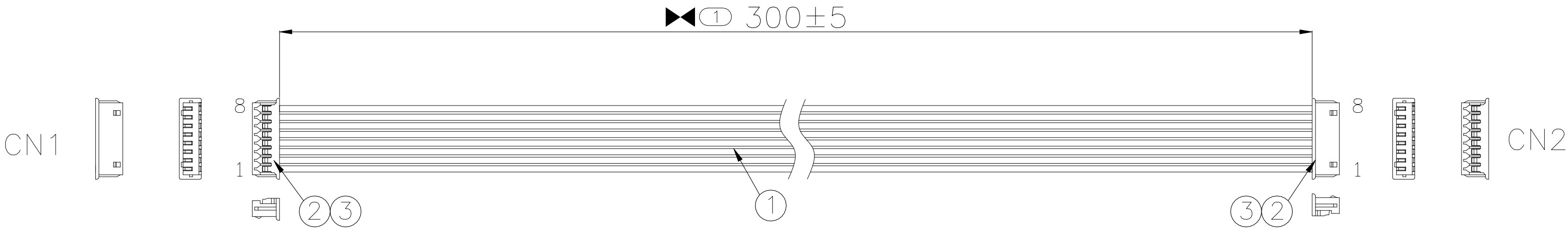


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	REVISED PER ECN-22-161713	28JUN2022	AP	YX



PIN CONNECTION			
CN.1	WIRE SPEC	WIRE COLOR	CN.2
1	28AWG	ORANGE	1
2	28AWG	ORANGE	2
3	28AWG	ORANGE	3
4	28AWG	ORANGE	4
5	28AWG	ORANGE	5
6	28AWG	ORANGE	6
7	28AWG	ORANGE	7
8	28AWG	ORANGE	8

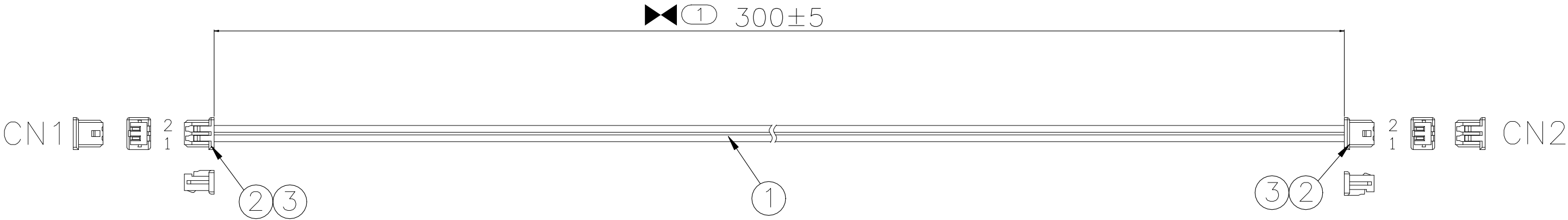
- NOTES:
1. "▶▶" SHOWS CPK MEASUREMENT ITEMS. (1 PLACES)
  2. "(\*)" SHOWS FAI MEASUREMENT ITEMS. (1 PLACES)
  3. ELECTRICAL TEST:
    - 3.1.OPEN/SHORT:100% TEST
    - 3.2.CONTACT RESISTANCE: 2 OHMS(MAX.)
    - 3.3.INSULATION RESISTANCE: 10M OHMS(MIN.)
    - 3.4.HI-POT: 300VDC/0.1S
  4. ALL MATERIALS CAN USE EQUIVALENT, BUT ANY ENGINEERING CHANGE OR REPLACEMENT MUST GET THE APPROVAL FROM TE ENGINEERING TEAM OR CUSTOMER.
  5. ALL MATERIALS, COMPONENTS AND PROCESS SHALL COMPLY WITH TEC-138-702.
  6. NO REACH SvHC SHALL BE CONTAINED ABOVE THE THREASHOLD AS DEFINED IN REACH SvHC COMPLIANCE DEFINITION IN ANNEX A OF TEC-138-702.

2405416-1
TE P/N

2	PC	1.25MM PITCH HOUSING, 8 CIRCUITS,WHITE	3
16	PC	1.25MM PITCH CRIMP TERMINAL,PHOSHOR BRONE,TIN PLATED	2
AR	M	28AWG 80°C 300V, COLOR:ORANGE	1
Q'TY	U/M	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JOE XIAO 29DEC2021	TE Connectivity	
DIMENSIONS: mm		CHK WILLIAM YAO 29DEC2021		
		APVD WILLIAM YAO 29DEC2021	NAME PITCH 1.25 TO PITCH 1.25 CABLE ASSEMBLY L=300MM	
		PRODUCT SPEC		
MATERIAL -		APPLICATION SPEC	SIZE A2 CAGE CODE 00779	
		FINISH -	DRAWING NO C-2405416	
		WEIGHT 0	RESTRICTED TO -	
		CUSTOMER DRAWING	SCALE N.T.S	SHEET 1 of 6
			REV A1	

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



PIN CONNECTION			
CN.1	WIRE SPEC	WIRE COLOR	CN.2
1	28AWG	ORANGE	1
2	28AWG	ORANGE	2

NOTES:

1. "CPK" SHOWS CPK MEASUREMENT ITEMS. (1 PLACES)
2. "FAI" SHOWS FAI MEASUREMENT ITEMS. (1 PLACES)
3. ELECTRICAL TEST:

3.1.OPEN/SHORT:100% TEST


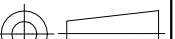
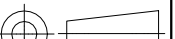
3.2.CONTACT RESISTANCE: 2 OHMS(MAX.)

3.3.INSULATION RESISTANCE: 10M OHMS(MIN.)

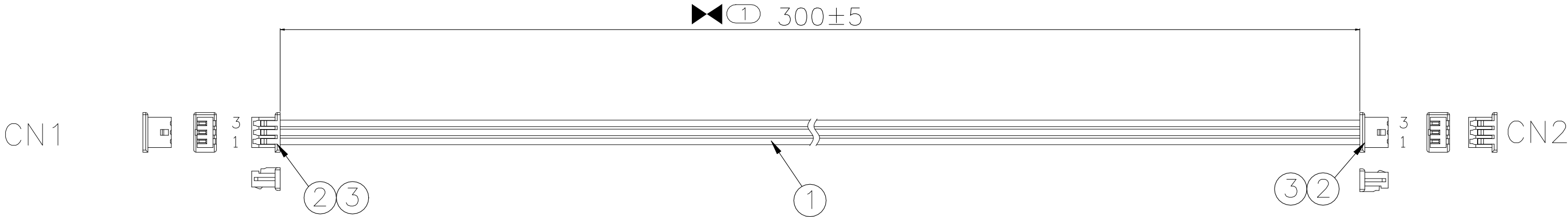
3.4.HI-POT: 300VDC/0.1S
4. ALL MATERIALS CAN USE EQUIVALENT, BUT ANY ENGINEERING CHANGE OR REPLACEMENT MUST GET THE APPROVAL FROM TE ENGINEERING TEAM OR CUSTOMER.
5. ALL MATERIALS, COMPONENTS AND PROCESS SHALL COMPLY WITH TEC-138-702.
6. NO REACH SVHC SHALL BE CONTAINED ABOVE THE THREASHOLD AS DEFINED IN REACH SVHC COMPLIANCE DEFINITION IN ANNEX A OF TEC-138-702.

2405416-2
TE P/N

2	PC	1.25MM PITCH HOUSING,2 CIRCUITS,WHITE	3
4	PC	1.25MM PITCH CRIMP TERMINAL,PHOSHOR BRONE,TIN PLATED	2
AR	M	28AWG 80°C 300V, COLOR:ORANGE	1
Q'TY	U/M	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JOE XIAO 29DEC2021		 TE Connectivity				
		CHK WILLIAM YAO 29DEC2021						
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME  PITCH 1.25 TO PITCH 1.25 CABLE ASSEMBLY L=300MM  —				
		APVD WILLIAM YAO 29DEC2021						
		PRODUCT SPEC —		SIZE CAGE CODE DRAWING NO RESTRICTED TO				
		APPLICATION SPEC —						
		WEIGHT 0						
MATERIAL —		FINISH —		A2 00779 C=2405416 —				
CUSTOMER DRAWING				SCALE N.T.S		SHEET 2 of 6		REV A1

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



PIN CONNECTION			
CN.1	WIRE SPEC	WIRE COLOR	CN.2
1	28AWG	ORANGE	1
2	28AWG	ORANGE	2
3	28AWG	ORANGE	3

NOTES:

1. "✂" SHOWS CPK MEASUREMENT ITEMS. (1 PLACES)
2. "⊛" SHOWS FAI MEASUREMENT ITEMS. (1 PLACES)
3. ELECTRICAL TEST:

3.1.OPEN/SHORT:100% TEST


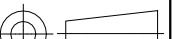

3.2.CONTACT RESISTANCE: 2 OHMS(MAX.)


3.3.INSULATION RESISTANCE: 10M OHMS(MIN.)

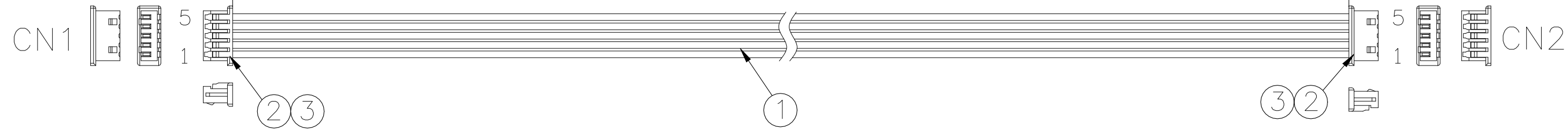
3.4.HI-POT: 300VDC/0.1S
4. ALL MATERIALS CAN USE EQUIVALENT, BUT ANY ENGINEERING CHANGE OR REPLACEMENT MUST GET THE APPROVAL FROM TE ENGINEERING TEAM OR CUSTOMER.
5. ALL MATERIALS, COMPONENTS AND PROCESS SHALL COMPLY WITH TEC-138-702.
6. NO REACH SVHC SHALL BE CONTAINED ABOVE THE THRESHOLD AS DEFINED IN REACH SVHC COMPLIANCE DEFINITION IN ANNEX A OF TEC-138-702.

2405416-3
TE P/N

2	PC	1.25MM PITCH HOUSING,3 CIRCUITS,WHITE	3
6	PC	1.25MM PITCH CRIMP TERMINAL,PHOSHOR BRONE,TIN PLATED	2
AR	M	28AWG 80°C 300V, COLOR:ORANGE	1
Q'TY	U/M	DESCRIPTION	ITEM



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JOE XIAO 29DEC2021		 TE Connectivity	
		CHK WILLIAM YAO 29DEC2021			
DIMENSIONS: mm		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		NAME  PITCH 1.25 TO PITCH 1.25 CABLE ASSEMBLY L=300MM	
		APVD WILLIAM YAO 29DEC2021			
		PRODUCT SPEC —		SIZE A2	
		APPLICATION SPEC —			
		WEIGHT 0			
		CUSTOMER DRAWING			
MATERIAL —		FINISH —		CAGE CODE 00779	
				DRAWING NO C=2405416	
				RESTRICTED TO —	
				SCALE N.T.S	
				SHEET 3 OF 6	
				REV A1	

KIAO	29DEC2021			TE Connectivity	
AM YAO	29DEC2021				
AM YAO	29DEC2021	NAME  PITCH 1.25 TO PITCH 1.25 CABLE ASSEMBLY L=300MM —			
SPEC					
ON SPEC		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
0	A2	00779	C-2405416		—
MER DRAWING			SCALE	N.T.S	SHEET 4 OF 6
			REV A1		





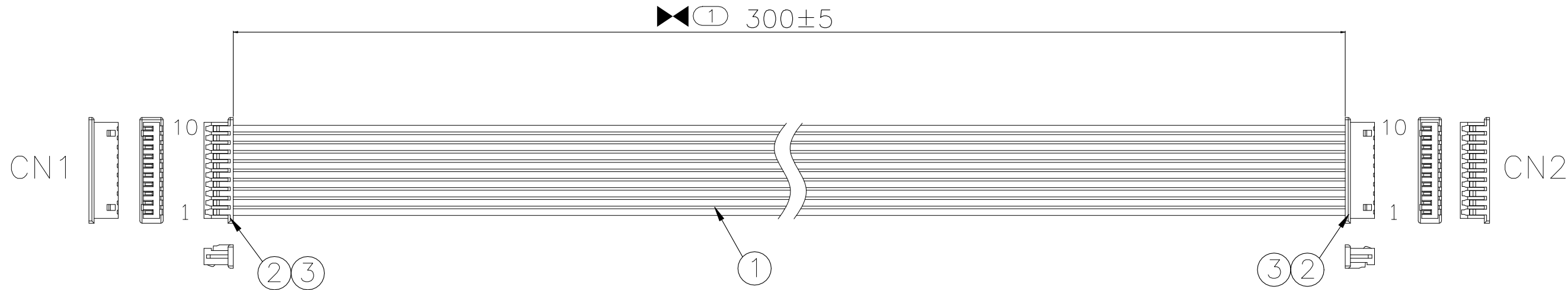
PIN CONNECTION			
CN.1	WIRE SPEC	WIRE COLOR	CN.2
1	28AWG	ORANGE	1
2	28AWG	ORANGE	2
3	28AWG	ORANGE	3
4	28AWG	ORANGE	4
5	28AWG	ORANGE	5

NOTES:

1. "  " SHOWS CPK MEASUREMENT ITEMS. (1 PLACES)
2. "  " SHOWS FAI MEASUREMENT ITEMS. (1 PLACES)
3. ELECTRICAL TEST:
  - 3.1.OPEN/SHORT:100% TEST
  - 3.2.CONTACT RESISTANCE: 2 OHMS(MAX.)
  - 3.3.INSULATION RESISTANCE: 10M OHMS(MIN.)
  - 3.4.HI-POT: 300VDC/0.1S
4. ALL MATERIALS CAN USE EQUIVALENT, BUT ANY ENGINEERING CHANGE OR REPLACEMENT MUST GET THE APPROVAL FROM THE ENGINEERING TEAM OR CUSTOMER.
5. ALL MATERIALS, COMPONENTS AND PROCESS SHALL COMPLY WITH TEC-138-702.
6. NO REACH SVHC SHALL BE CONTAINED ABOVE THE THRESHOLD AS DEFINED IN REACH SVHC COMPLIANCE DEFINITION IN ANNEX A OF TEC-138-702.



2	PC	1.25MM PITCH HOUSING,5 CIRCUITS,WHITE	3
10	PC	1.25MM PITCH CRIMP TERMINAL,PHOSHOR BRONE,TIN PLATED	2
AR	M	28AWG 80°C 300V, COLOR:ORANGE	1
Q'TY	U/M	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JOE XIAO 29DEC2021 CHK WILLIAM YAO 29DEC2021 APVD WILLIAM YAO 29DEC2021		 TE Connectivity			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME PITCH 1.25 TO PITCH 1.25 CABLE ASSEMBLY L=300MM —			
		0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± —		PRODUCT SPEC —		APPLICATION SPEC —	
MATERIAL —		FINISH —		WEIGHT 0		SIZE A2	
				CAGE CODE 00779		DRAWING NO C-2405416	
						RESTRICTED TO —	
CUSTOMER DRAWING				SCALE N.T.S		SHEET 4 of 6	
						REV A1	


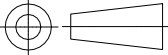


PIN CONNECTION			
CN.1	WIRE SPEC	WIRE COLOR	CN.2
1	28AWG	ORANGE	1
2	28AWG	ORANGE	2
3	28AWG	ORANGE	3
4	28AWG	ORANGE	4
5	28AWG	ORANGE	5
6	28AWG	ORANGE	6
7	28AWG	ORANGE	7
8	28AWG	ORANGE	8
9	28AWG	ORANGE	9
10	28AWG	ORANGE	10

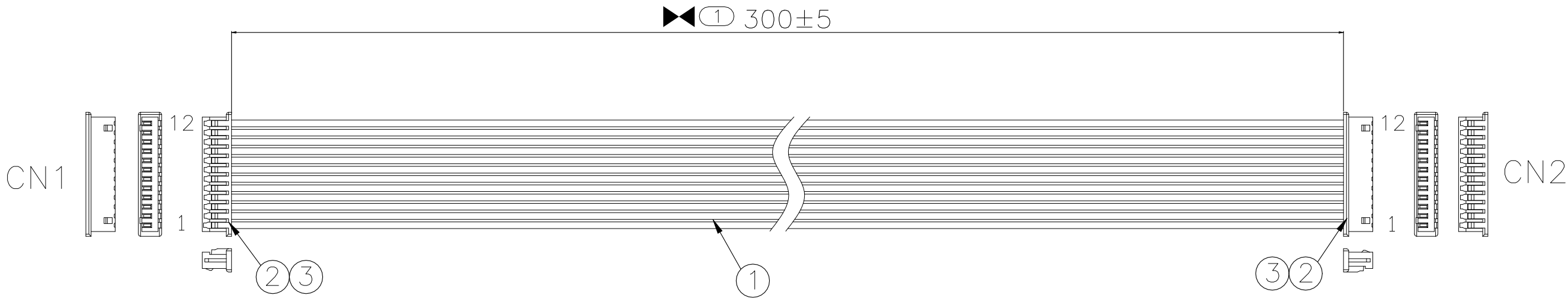
NOTES:

1. "  " SHOWS CPK MEASUREMENT ITEMS. (1 PLACES)
2. "  " SHOWS FAI MEASUREMENT ITEMS. (1 PLACES)
3. ELECTRICAL TEST:
  - 3.1.OPEN/SHORT:100% TEST
  - 3.2.CONTACT RESISTANCE: 2 OHMS(MAX.)
  - 3.3.INSULATION RESISTANCE: 10M OHMS(MIN.)
  - 3.4.HI-POT: 300VDC/0.1S
4. ALL MATERIALS CAN USE EQUIVALENT, BUT ANY ENGINEERING CHANGE OR REPLACEMENT MUST GET THE APPROVAL FROM THE ENGINEERING TEAM OR CUSTOMER.
5. ALL MATERIALS, COMPONENTS AND PROCESS SHALL COMPLY WITH TEC-138-702.
6. NO REACH SVHC SHALL BE CONTAINED ABOVE THE THRESHOLD AS DEFINED IN REACH SVHC COMPLIANCE DEFINITION IN ANNEX A OF TEC-138-702.

2	PC	1.25MM PITCH HOUSING,10 CIRCUITS,WHITE	3
20	PC	1.25MM PITCH CRIMP TERMINAL,PHOSHOR BRONE,TIN PLATED	2
AR	M	28AWG 80°C 300V, COLOR:ORANGE	1
Q'TY	U/M	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JOE XIAO 29DEC2021	 TE Connectivity	
DIMENSIONS: mm		CHK WILLIAM YAO 29DEC2021		
TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APVD WILLIAM YAO 29DEC2021	NAME	
		PRODUCT SPEC —	PITCH 1.25 TO PITCH 1.25 CABLE ASSEMBLY L=300MM —	
0 PLC ± — 1 PLC ± — 2 PLC ± — 3 PLC ± — 4 PLC ± — ANGLES ± —		APPLICATION SPEC —	SIZE	CAGE CODE
MATERIAL —		FINISH —	DRAWING NO	RESTRICTED TO
		WEIGHT 0	A2	00779
		CUSTOMER DRAWING		SCALE N.T.S
		SHEET 5 of 6		REV A1

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



PIN CONNECTION			
CN.1	WIRE SPEC	WIRE COLOR	CN.2
1	28AWG	ORANGE	1
2	28AWG	ORANGE	2
3	28AWG	ORANGE	3
4	28AWG	ORANGE	4
5	28AWG	ORANGE	5
6	28AWG	ORANGE	6
7	28AWG	ORANGE	7
8	28AWG	ORANGE	8
9	28AWG	ORANGE	9
10	28AWG	ORANGE	10
11	28AWG	ORANGE	11
12	28AWG	ORANGE	12

NOTES:

1. "◀▶" SHOWS CPK MEASUREMENT ITEMS. (1 PLACES)
2. "⊛" SHOWS FAI MEASUREMENT ITEMS. (1 PLACES)
3. ELECTRICAL TEST:
  - 3.1.OPEN/SHORT:100% TEST
  - 3.2.CONTACT RESISTANCE: 2 OHMS(MAX.)
  - 3.3.INSULATION RESISTANCE: 10M OHMS(MIN.)
  - 3.4.HI-POT: 300VDC/0.1S
4. All MATERIALS CAN USE EQUIVALENT, BUT ANY ENGINEERING CHANGE OR REPLACEMENT MUST GET THE APPROVAL FROM TE ENGINEERING TEAM OR CUSTOMER.
5. All MATERIALS, COMPONENTS AND PROCESS SHALL COMPLY WITH TEC-138-702.
6. NO REACH SVHC SHALL BE CONTAINED ABOVE THE THRESHOLD AS DEFINED IN REACH SVHC COMPLIANCE DEFINITION IN ANNEX A OF TEC-138-702.

2405416-6
TE P/N

2	PC	1.25MM PITCH HOUSING,12 CIRCUITS,WHITE	3
24	PC	1.25MM PITCH CRIMP TERMINAL,PHOSHOR BRONE,TIN PLATED	2
AR	M	28AWG 80°C 300V, COLOR:ORANGE	1
Q'TY	U/M	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN JOE XIAO 29DEC2021	TE Connectivity		
DIMENSIONS: mm		CHK WILLIAM YAO 29DEC2021			
	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD WILLIAM YAO 29DEC2021	NAME PITCH 1.25 TO PITCH 1.25 CABLE ASSEMBLY L=300MM -		
	0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -	PRODUCT SPEC - APPLICATION SPEC -			
MATERIAL -	FINISH -	WEIGHT 0	SIZE A2	CAGE CODE 00779	DRAWING NO C=2405416
CUSTOMER DRAWING			SCALE N.T.S	SHEET 6 of 6	REV A1

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2405416-1](#) [2405416-2](#) [2405416-3](#) [2405416-4](#) [2405416-5](#) [2405416-6](#)