

Product Name:	HPL – 548		
	Conan 1.0mm BTB RA Receptacle		
Product Manager:	Flora Chuang		
Subject:	Notification of Planned Change		
Distribution:	Affected customers		
Type of Change:	Documentation Change		
Change Description:	Drawing revision for part nbr series -10180999		
Reason for Change:	Updated the drawing to add dimensions of the shape		
Affected Parts:	See Affected Parts.xls		
Effective Date of Change:	July,20 2026		
Last Time Buy Date:	NA		
Earliest Disty Return Date:	NA		
Last Time Shipment Date	NA		
Datasheet Attached?	Yes		
Qual/Test Data Attached?	Yes		
Samples Availability Date:	17 July ,2026		
Available Alternatives?			
Questions?	Contact your local ACS Representative, or Product Manager		
	Flora Chuang / Product Manager		
	Flora.Chuang@amphenol-fci.com		

Note:

Customers should contact Product Line Manager (or their local Amphenol Representative) directly regarding any concern on the PCN. Lack of any such customer feedback within three weeks of PCN release date will be interpreted as non-objection .

PART NUMBER SCHEME

10180999 - X X X X XX LF

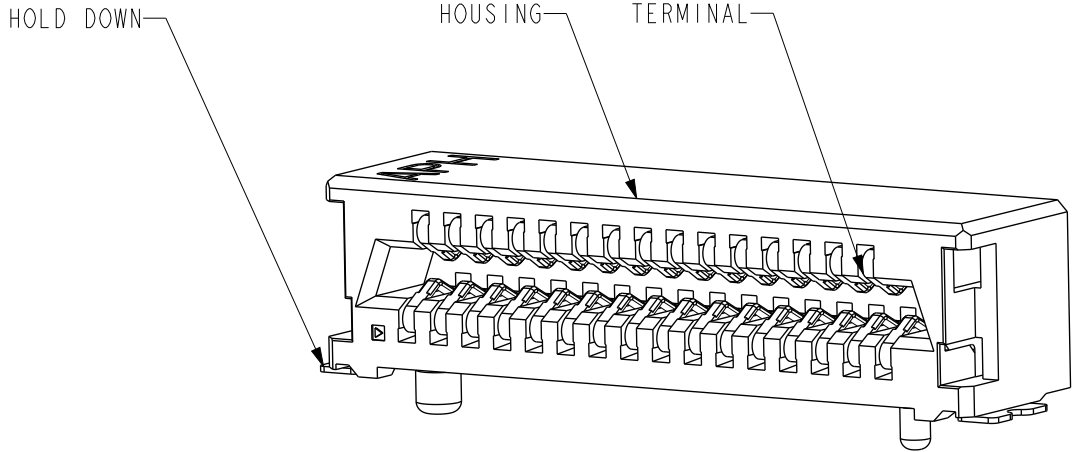
X	CONTACT AREA PLATING
1	30GXT
2	15GXT

X	POST OPTION
1	WITH POST

X	EXTENTION OPTION
1	DEFAULT

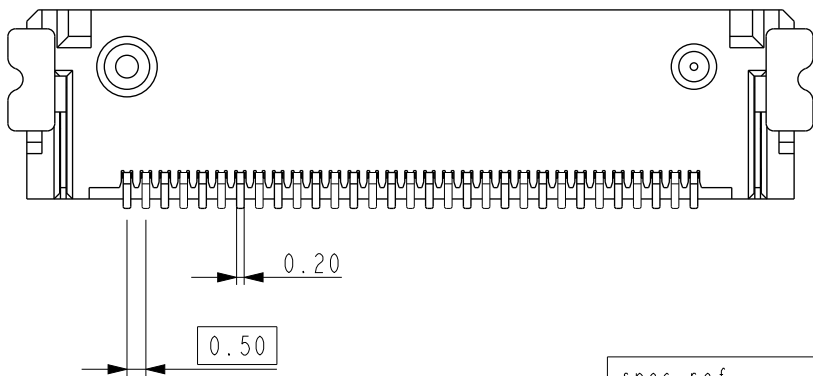
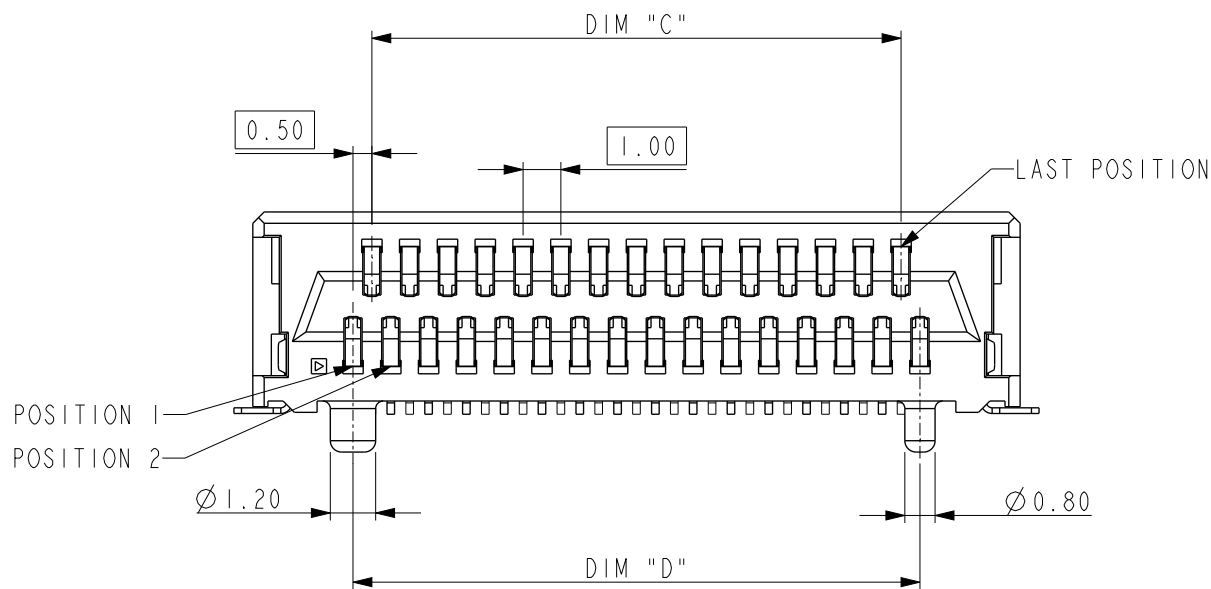
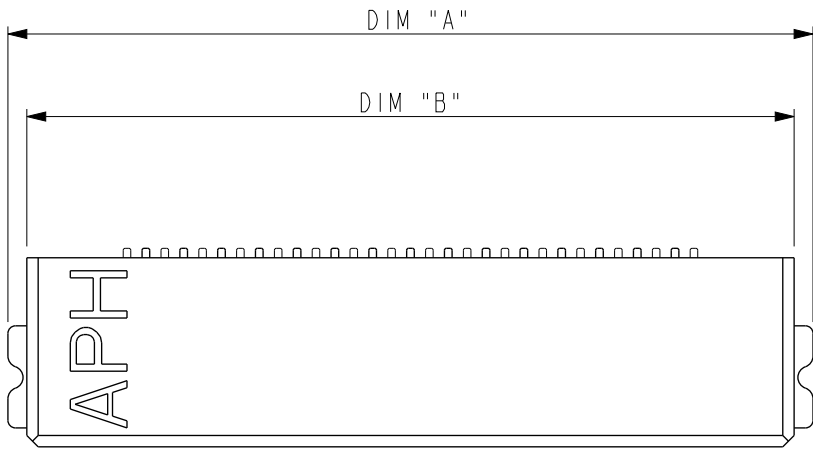
X	PACKAGE OPTION
1	TAPE & REEL

X	NUMBER OF POSITION
09	9
11	11
15	15
21	21
25	25
31	31
37	37
41	41
51	51
69	69

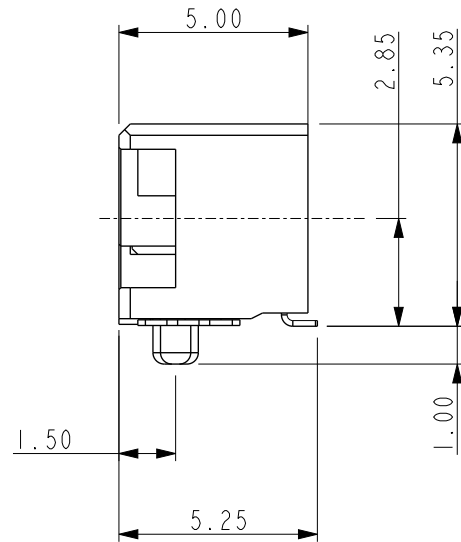


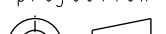
- NOTES:
- MATERIAL:
 - HOUSING: THERMOPLASTICNOTES, NATURAL, MSL LEVEL 1.
 - TERMINALS: COPPER ALLOY
 - HOLD DOWN: COPPER ALLOY
 - PLATING:
 - UNDER PLATING: 50u"/1.27µm MIN NICKEL
 - SOLDER TAIL: 100u" /2.54µm MIN TIN
 - CONTACT AREA: SEE TABLE
 - REFERENCE GS-12-1382 FOR PRODUCT PERFORMANCE DATA.
 - RECOMMENDED SOLDER PASTE THICKNESS IS 0.15 TO 0.20 MM THICK.
 - THIS HOUSIONG WILL WITHSTAND EXPOSURE TO 260°C PEAK; TEMPERATURE FOR 20 SECONDS IN IR REFLOW SOLDERING APPLICATION
 - THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER; COUNTRYREGULATIONS AS DESCRIBED IN GS-47-0004.

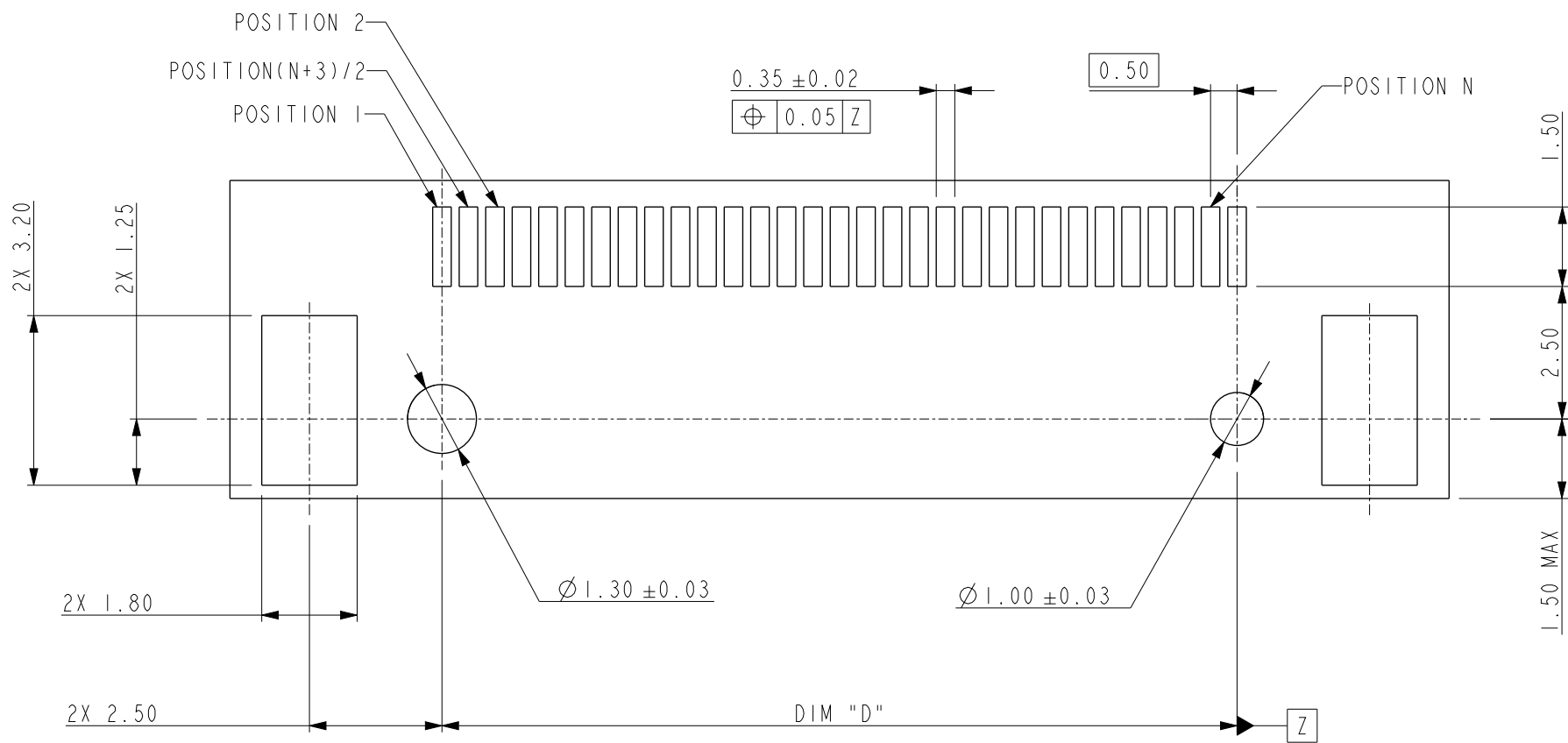
spec ref				dr		Alan Ni	2024/12/30			size	A3	scale	1:1	
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Alan Ni	2026/07/17			ecn no				
				chr		Li-Qing Lei	2026/07/17							
				appr		Tim Yao	2026/07/17	product family			rel levelptc_wm_lifecycle_state			
surface		linear	0.X	±0.30		title	CONAN 1.0MM RA CONNECTOR RECEPTACLE ASS'Y			dwg no	10180999		rev	B
			0.XX	±0.20										
			0.XXX	±0.10										
		angular	0°	±2°		cat. no.	Product - Customer Drw			sheet 1 of 3				



PART NUMBER	PIN QTY	DIM "A"	DIM "B"	DIM "C"	DIM "D"
10180999-X11109LF	9	10.3	9.3	3.0	4.0
10180999-X11111LF	11	11.3	10.3	4.0	5.0
10180999-X11115LF	15	13.3	12.3	6.0	7.0
10180999-X11121LF	21	16.3	15.3	9.0	10.0
10180999-X11125LF	25	18.3	17.3	11.0	12.0
10180999-X11131LF	31	21.3	20.3	14.0	15.0
10180999-X11137LF	37	24.3	23.3	17.0	18.0
10180999-X11141LF	41	26.3	25.3	19.0	20.0
10180999-X11151LF	51	31.3	30.3	24.0	25.0
10180999-X11169LF	69	40.3	39.3	33.0	34.0



spec ref				dr		Alan Ni	2024/12/30			size		A3	scale		1:1										
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng		Alan Ni	2026/07/17			ecn no															
				chr		Li-Qing Lei	2026/07/17																		
				appr		Tim Yao	2026/07/17			rel level						ptc.wm.lifecycle.state									
surface ✓				linear		0.X		±0.30				title		CONAN 1.0MM RA CONNECTOR RECEPTACLE ASS'Y				dwg no		10180999		rev		B	
						0.XX		±0.20																	
						0.XXX		±0.10																	
						angular		0°		±2°		cat. no.		Product - Customer Drw						sheet 2 of 3					



PCB LAYOUT PROPOSAL
TOLERANCE RECOMMENDED ±0.05

spec ref				dr	Alan Ni	2024/12/30	projection	MM	size	A3	scale	1:1		
tolerance std	TOLERANCES UNLESS OTHERWISE SPECIFIED			eng	Alan Ni	2026/07/17			ecn no					
				chr	Li-Qing Lei	2026/07/17			rel levelptc_wm_lifecycle_state					
				appr	Tim Yao	2026/07/17								
product family														
surface	linear	0.X	±0.30	Amphenol FCi	title	CONAN 1.0MM RA CONNECTOR				dwg no	10180999		rev	B
		0.XX	±0.20											
		0.XXX	±0.10											
	angular	0°	±2°											

PCN Reference	MPN	Change	Effective Date
PCN26118	10180999-211111LF	DOCUMENTATION CHANGE	JULY 20, 2026
PCN26118	10180999-211131LF	DOCUMENTATION CHANGE	JULY 20, 2026

Last Disty Return date	Last Shipment date	Alternative Parts	Product Family
			548-5CSF-CONAN REQ
			548-5CSF-CONAN REQ

Primary MU	Product Manager	Status
4543-45430	FLORA.CHUANG@AM	ACTIVE
4543-45430	FLORA.CHUANG@AM	ACTIVE