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## 208130-1 Product Details

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**208130-1**

TE Internal Number: 208130-1

Active

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### CPC (Circular Plastic) and Circular Metal-Shell Connectors

Always EU RoHS/ELV Compliant (Statement of Compliance)

**Product Highlights:**

- Housing
- Connector Style = Receptacle
- 4 Positions
- 4 Signal Positions
- 0 Power Positions

[View all Features](#)

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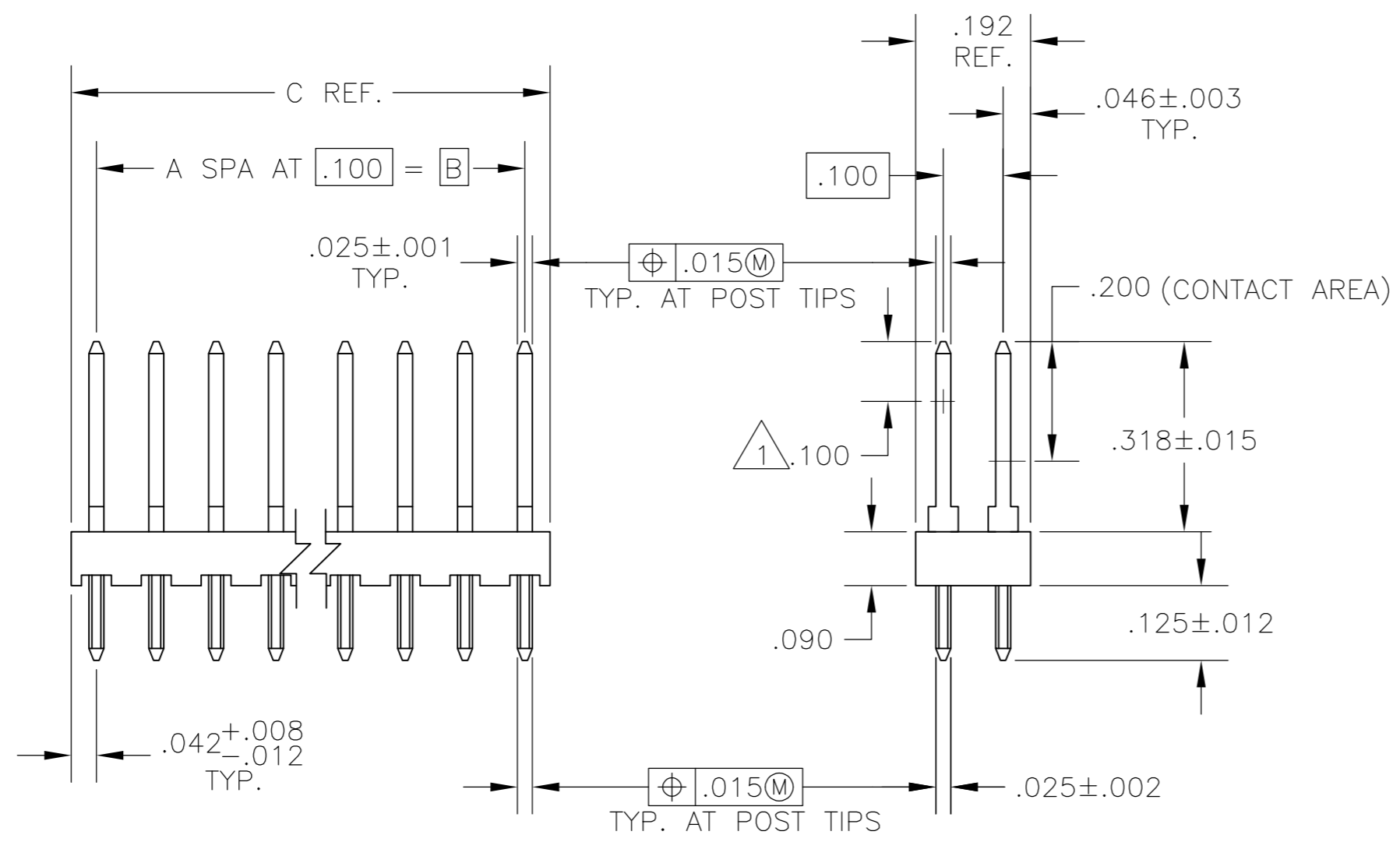
Documentation & Additional Information	
<p><b>Product Drawings:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">RECEPTACLE ASSEMBLY W/ THREADED FASTENERS, SHELL SIZ...</a> (PDF, English)</li> </ul> <p><b>Catalog Pages/Data Sheets:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">AMP Circular Connectors for Commercial Signal &amp; Powe...</a> (PDF, English)</li> </ul> <p><b>Product Specifications:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>Application Specifications:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Circular Plastic Connectors (CPC)</a> (PDF, English)</li> </ul> <p><b>Instruction Sheets:</b></p> <ul style="list-style-type: none"> <li>• None Available</li> </ul> <p><b>CAD Files:</b> (<a href="#">CAD Format &amp; Compression Information</a>)</p> <ul style="list-style-type: none"> <li>• <a href="#">2D Drawing</a> (DXF, Version A)</li> <li>• <a href="#">3D Model</a> (IGES, Version A)</li> <li>• <a href="#">3D Model</a> (STEP, Version A)</li> </ul>	<p><b>Additional Product Images:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Contact Arrangement</a></li> <li>• <a href="#">Keying Options</a></li> </ul> <p><b>Related Products:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Tooling</a></li> <li>• <a href="#">Mating Products (1)</a></li> </ul>

[List all Documents](#)

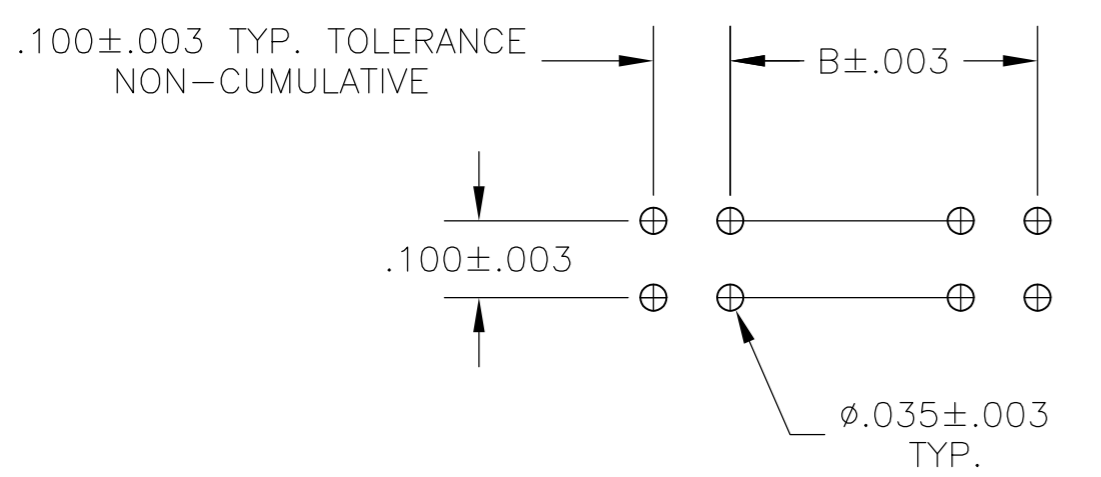
Product Features (Please use the Product Drawing for all design activity)	
<p><b>Product Type Features:</b></p> <ul style="list-style-type: none"> <li>• Connector Type = Housing</li> <li>• Mount Angle = Straight</li> <li>• Shell Size = 11</li> <li>• PCB Mount Retention = Without</li> <li>• Shell Type = All Plastic</li> <li>• Product Series = Series 1</li> <li>• Thread Size = 5/8 - 24 UNEF-2A</li> <li>• Sealed = No</li> </ul> <p><b>Mechanical Attachment:</b></p> <ul style="list-style-type: none"> <li>• Mount = Panel</li> <li>• Mating Retention Type = Threaded Coupling</li> </ul> <p><b>Body Features:</b></p> <ul style="list-style-type: none"> <li>• Mount Style = Flange with Threaded Inserts</li> </ul> <p><b>Contact Features:</b></p> <ul style="list-style-type: none"> <li>• Contact Type = Pin</li> <li>• Reverse Gender = Standard</li> </ul> <p><b>Housing Features:</b></p> <ul style="list-style-type: none"> <li>• Connector Style = Receptacle</li> <li>• Mating Alignment Type = Keyed</li> <li>• Housing Material = Thermoplastic - GF</li> <li>• Housing Color = Black</li> <li>• III Flammability Rating = III 94V-0</li> </ul>	<p><b>Configuration Features:</b></p> <ul style="list-style-type: none"> <li>• Number of Positions = 4</li> <li>• Number of Signal Positions = 4</li> <li>• Number of Power Positions = 0</li> <li>• Environmental Protection = Without</li> <li>• Reverse Numbering = Without</li> </ul> <p><b>Industry Standards:</b></p> <ul style="list-style-type: none"> <li>• VDE Tested = No</li> <li>• RoHS/ELV Compliance = RoHS compliant, ELV compliant</li> <li>• Lead Free Solder Processes = Not relevant for lead free process</li> <li>• RoHS/ELV Compliance History = Always was RoHS compliant</li> </ul> <p><b>Identification Marking:</b></p> <ul style="list-style-type: none"> <li>• Keying = A</li> </ul> <p><b>Environmental:</b></p> <ul style="list-style-type: none"> <li>• Fluid Resistance = None</li> </ul> <p><b>Other:</b></p> <ul style="list-style-type: none"> <li>• Brand = AMP</li> </ul>

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LOC	DIST	REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD
AD	39	H3	REVISED PER ECO-11-010839	26MAY11	RK HMR



- 1 POINT OF MEASUREMENT FOR PLATING THICKNESS
- 2 THE TRUE POSITION TOLERANCE OF THE POST TIPS APPLIES WHEN THE HEADERS HELD FLAT AGAINST THE PRINTED CIRCUIT BOARD
- 3 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D.RENAUD/D.SINISI



RECOMMENDED HOLE LAYOUT

	C	B	A	NO OF POS	ASSEMBLY PART NUMBER
	3.984	3.900	39	80	4-87227-0
	3.884	3.800	38	78	3-9
	3.784	3.700	37	76	3-8
	3.684	3.600	36	74	3-7
	3.584	3.500	35	72	3-6
	3.484	3.400	34	70	3-5
	3.384	3.300	33	68	3-4
	3.284	3.200	32	66	3-3
	3.184	3.100	31	64	3-2
	3.084	3.000	30	62	3-1
	2.984	2.900	29	60	3-0
	2.884	2.800	28	58	2-9
	2.784	2.700	27	56	2-8
	2.684	2.600	26	54	2-7
	2.584	2.500	25	52	2-6
	2.484	2.400	24	50	2-5
	2.384	2.300	23	48	2-4
	2.284	2.200	22	46	2-3
	2.184	2.100	21	44	2-2
	2.084	2.000	20	42	2-1
	1.984	1.900	19	40	2-0
	1.884	1.800	18	38	1-9
	1.784	1.700	17	36	1-8
	1.684	1.600	16	34	1-7
	1.584	1.500	15	32	1-6
	1.484	1.400	14	30	1-5
	1.384	1.300	13	28	1-4
	1.284	1.200	12	26	1-3
	1.184	1.100	11	24	1-2
	1.084	1.000	10	22	1-1
	.984	.900	9	20	1-0
	.884	.800	8	18	-9
	.784	.700	7	16	-8
	.684	.600	6	14	-7
	.584	.500	5	12	-6
	.484	.400	4	10	-5
	.384	.300	3	8	-4
	.284	.200	2	6	-3
	.184	.100	1	4	-2
	.084			2	87227-1

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	L. MAYER	5-15-85		TE Connectivity		
DIMENSIONS: INCHES		CHK	T. ZOLA	5-21-85		NAME		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	T. ZOLA	5-21-85		ASSEMBLY, MOD II, HEADER, DOUBLE ROW, .100 X .100 CL. VERTICAL, .025 SQUARE POSTS		
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± .005 4 PLC ± - ANGLES ± -		PRODUCT SPEC				SIZE	CAGE CODE	DRAWING NO
MATERIAL: HOUSING-FLAME RETARDANT THERMOPLASTIC, COLOR-BLACK, POSTS-PHOS BRONZE		FINISH: POSTS-.000015 GOLD ON THE CONTACT AREA, GOLD FLASH ON SOLDER AREA, ALL OVER .000050 NICKEL	WEIGHT	-	A2	00779	C=87227	
		CUSTOMER DRAWING		SCALE	4:1	SHEET	1 OF 1	
				REV	H3			