



# LOW PROFILE ADAPTORS APO & APH SERIES

Mates with:  
ICO, ICA, CIC

## SPECIFICATIONS

For complete specifications see [www.samtec.com?APO](http://www.samtec.com?APO)

**Insulator Material:**  
Black Glass Filled Polyester  
**Flammability Rating:**  
UL 94V-O  
**Insulation Resistance:**  
5000 megohm @ 500 VDC  
**Operating Temperature Range:**  
-55°C to +125°C  
**Withstanding Voltage:**  
1000 VRMS @ 60 Hz  
**Terminal Material:**  
Brass  
**Plating:**  
Au over 50µ" (1,27µm) Ni or Sn over 100µ" (2,54µm) Cu or 50µ" Ni  
**Current Rating:**  
1 A



APO	ROW SPACING & NO. OF CONTACTS	PLATING OPTION	LEAD STYLE																													
Specify from chart below																																
<p>• Side &amp; end stackable</p> <p>• Open body design</p>	<table border="1"> <thead> <tr> <th></th> <th>Row Space</th> <th>No. of Contacts</th> </tr> </thead> <tbody> <tr> <td>-308</td> <td rowspan="5">.300 (7,62)</td> <td>08</td> </tr> <tr> <td>-314</td> <td>14</td> </tr> <tr> <td>-316</td> <td>16</td> </tr> <tr> <td>-318</td> <td>18</td> </tr> <tr> <td>-320</td> <td>20</td> </tr> <tr> <td>-324</td> <td></td> <td>24</td> </tr> <tr> <td>-422</td> <td>.400 (10,16)</td> <td>22</td> </tr> <tr> <td>-624</td> <td></td> <td>24</td> </tr> <tr> <td>-628</td> <td>.600 (15,24)</td> <td>28</td> </tr> <tr> <td>-640</td> <td></td> <td>40</td> </tr> </tbody> </table>		Row Space	No. of Contacts	-308	.300 (7,62)	08	-314	14	-316	16	-318	18	-320	20	-324		24	-422	.400 (10,16)	22	-624		24	-628	.600 (15,24)	28	-640		40	<p><b>-G</b> = 20µ" (0,51µm) Gold</p> <p><b>-T</b> = Tin</p>	
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**Note:**  
Some sizes, styles and options are non-standard, non-returnable.

<p><b>-A or -A1 = Round Pin</b></p> <table border="1"> <thead> <tr> <th>STYLE</th> <th>X DIA</th> </tr> </thead> <tbody> <tr> <td>-A</td> <td>(0,64) .025</td> </tr> <tr> <td>-A1</td> <td>(0,46) .018</td> </tr> </tbody> </table> <p>Component No. = T-1R0- Component No. = T-1R5-</p>	STYLE	X DIA	-A	(0,64) .025	-A1	(0,46) .018	<p><b>-C = Slotted Head</b></p> <p>Component No. = T-1R2-</p>	<p><b>-J = Solder Shell</b></p> <p>Component No. = S-1P1-</p>	<p><b>-R or -H = Low Profile</b></p> <table border="1"> <thead> <tr> <th>STYLE</th> <th>Z</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>-R</td> <td>(8,43) .332</td> <td>(8,89) .035</td> </tr> <tr> <td>-H</td> <td>(7,62) .300</td> <td>(9,51) .020</td> </tr> </tbody> </table> <p>Style R Component No. = T-2R6- Style H Component No. = T-1R6-</p>	STYLE	Z	Y	-R	(8,43) .332	(8,89) .035	-H	(7,62) .300	(9,51) .020	<p><b>-T = Short Tail</b></p> <p>Component No. = T-3R6-</p>
STYLE	X DIA																		
-A	(0,64) .025																		
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-H	(7,62) .300	(9,51) .020																	

Mates with:  
ICO, ICA, CIC

## Features:

- Adaptor plugs for unusual centerline applications feature
- Low profile terminals
- Body will withstand most VP & IR soldering

## SPECIFICATIONS

For complete specifications see [www.samtec.com?APH](http://www.samtec.com?APH)

Same as APO except:  
**Insulation Material:**  
Black Thermoplastic  
**Temperature Range:**  
-55°C to +140°C  
**Heat Deflection Temp:**  
215°C @ 264 psi  
**Note:** This Series is non-standard, non-returnable.



APH	ROW SPACE	NO. OF PINS	PLATING OPTION	LEAD STYLE	
Row Spacing EXAMPLE: -3 = .300 centers					
			<p><b>-G</b> = 20µ" (0,51µm) Gold</p> <p><b>-T</b> = Tin</p>		
			<p><b>-R = Low Profile</b></p> <p>Component No. = T-2R6-</p>	<p><b>-H = Low Profile</b></p> <p>Component No. = T-1R6-</p>	<p><b>-T = Short Tail</b></p> <p>Component No. = T-3R6-</p>

Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)