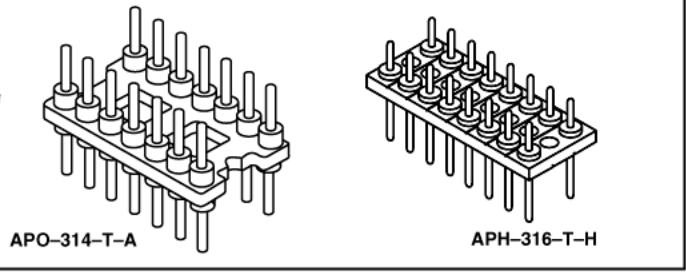




**MOLD-TO-POSITION PRODUCT**  
 Minimums or set-up charges may apply. Call Samtec.



# 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																													
<ul style="list-style-type: none"> <li>• Side &amp; end stackable</li> <li>• Open body design</li> </ul>	<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 rowspan="2">.400 (10,16)</td><td>24</td></tr> <tr><td>-422</td><td>22</td></tr> <tr><td>-624</td><td rowspan="3">.600 (15,24)</td><td>24</td></tr> <tr><td>-628</td><td>28</td></tr> <tr><td>-640</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	.400 (10,16)	24	-422	22	-624	.600 (15,24)	24	-628	28	-640	40	<p><b>-G</b>                  = 20µ" (0,51µm) Gold</p> <p><b>-T</b>                  = Tin</p>	
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-A or -A1 = Round Pin	-C = Slotted Head	-J = Solder Shell	-R or -H = Low Profile	-T = Short Tail															
<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>Component No. = T-1R2-</p>	<p>Component No. = S-1P1-</p>	<table border="1"> <thead> <tr><th>STYLE</th><th>Z</th><th>Y</th></tr> </thead> <tbody> <tr><td>-R</td><td>(6,43) .332</td><td>(6,89) .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	(6,43) .332	(6,89) .035	-H	(7,62) .300	(9,51) .020	<p>Component No. = T-3R6-</p>
STYLE	X DIA																		
-A	(0,64) .025																		
-A1	(0,46) .018																		
STYLE	Z	Y																	
-R	(6,43) .332	(6,89) .035																	
-H	(7,62) .300	(9,51) .020																	

**Note:**  
 Some sizes, styles and options are non-standard, non-returnable.

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>-02</b>                  thru  <b>-19</b></p>	<p><b>-G</b>                  = 20µ" (0,51µm) Gold</p> <p><b>-T</b>                  = Tin</p>	
	Row Space (2,54) .100 TYP (1,27) .050 TYP (4)	No. of Positions X (2,54) .100 ± .015	<p><b>-R</b>                  = Low Profile</p> <p>Component No. = T-2R6-</p>	<p><b>-H</b>                  = Low Profile</p> <p>Component No. = T-1R6-</p>
			<p><b>-T</b>                  = Short Tail</p> <p>Component No. = T-3R6-</p>	
			<p><b>02 thru 40</b></p>	

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

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