



Call PEI Genesis Toll Free 1-800-642-8750  
www.peigenesis.com

# Amphenol

Basic Series		Mil-C-5015	Obligatory Prefix	Shell Style/Type	Service Class	Shell Size	Insert Arrangement	Contact Type	Insert rotation Keying
		<b>Solder Version</b>	<b>MS</b>	<b>3106</b>	<b>A</b>	<b>18-</b>	<b>3</b>	<b>P</b>	<b>W</b>
		<b>Crimp Version</b>	<b>MS</b>	<b>3456</b>	<b>L</b>	<b>18-</b>	<b>3</b>	<b>P</b>	<b>W</b>
Shell Type		Description							
Solder	Crimp								
3106	3456	Straight Cable Plug							
3100	3450	Wall Mount Receptacle							
3101	3451	Cable Connecting Plug/Receptacle							
3102	3452	Box Mounting Receptacle							
3108		90 degree Cable Plug							
	3454	Jam Nut Receptacle							
	3459	Straight Plug with Self-locking coupling nut							
<b>A</b>		Solid shell for general, non-environmental applications							
<b>C</b>		Solid shell for pressurized applications							
<b>E</b>		Environmental resisting							
<b>F</b>		Environmental resisting with strain relief							
<b>R</b>		Lightweight environmental resisting							
	<b>L</b>	Aluminum shell, electroless nickel finish, fluid resistant insert							
	<b>W</b>	Aluminum shell, cadmium olive drab finish, fluid resistant insert							
	<b>LS</b>	Stainless steel shell, passivated, fluid resistant insert							
	<b>KT</b>	Firewall, steel shell, cadmium olive drab, non-flammable, fluid resistant insert.							
	<b>KS</b>	Firewall, stainless steel shell, passivated, non-flammable hard dielectric fluid resistant insert.							
8S, 10S, 10SL, 12S, 12, 14S, 14, 16S, 16, 18, 20, 22, 24, 28, 32, 36, 40, 48									
<b>See reverse side for insert arrangements</b>									
P = MALE (PINS), S = FEMALE (SOCKETS)									
Normal/Standard keying leave blank (Not included in part #) W, X, Y, Z.									



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## Insert Arrangement's

### Shell Size - Arrangement

8S-1	<b>12S-1</b>	14S-1	16S-1	18-1	20-2	<b>22-1</b>	<b>24-1</b>	28-1	32-1	<b>36-1</b>	40-1
10S-2	<b>12S-2</b>	14S-2	16S-2	<b>18-3</b>	<b>20-3</b>	22-2	24-2	28-2	32-2	36-3	<b>40-2</b>
10SL-3	12S-3	<b>14S-4</b>	16S-3	18-4	20-4	22-4	<b>24-3</b>	28-3	32-3	<b>36-4</b>	<b>40-3</b>
10SL-4	12S-4	14S-5	16S-4	18-5	<b>20-6</b>	22-5	<b>24-4</b>	28-4	<b>32-4</b>	36-5	<b>40-4</b>
	12-5	14S-6	<b>16S-5</b>	18-6	20-7	22-6	24-5	28-5	<b>32-5</b>	36-6	<b>40-5</b>
		14S-7	<b>16S-6</b>	18-7	20-8	22-7	24-6	<b>28-6</b>	32-6	36-7	<b>40-6</b>
		14S-9	16S-8	18-8	20-9	<b>22-8</b>	24-7	<b>28-7</b>	32-7	36-8	<b>40-7</b>
		14S-10	16-7	18-9	<b>20-11</b>	22-9	<b>24-9</b>	28-8	<b>32-8</b>	36-9	40-9
		<b>14S-11</b>	16-9	18-10	<b>20-12</b>	22-10	24-10	28-9	32-9	36-10	<b>40-10</b>
		14S-12	16-10	18-11	20-14	22-11	24-11	28-10	<b>32-10</b>	36-11	<b>40-11</b>
		<b>14S-13</b>	16-11	18-12	20-15	22-12	24-12	28-11	<b>32-12</b>	36-12	40-56
			16-12	18-13	20-16	<b>22-13</b>	<b>24-15</b>	28-12	32-13	<b>36-13</b>	<b>40-62</b>
			16-13	18-14	20-17	22-14	24-16	28-13	32-15	<b>36-14</b>	<b>48-62</b>
				18-15	20-18	22-15	<b>24-17</b>	28-15	32-16	36-15	
				18-16	20-19	<b>22-16</b>	24-20	28-16	32-17	36-16	
				18-17	<b>20-20</b>	22-17	24-21	28-17	<b>32-19</b>	36-17	
				<b>18-18</b>	20-21	22-18	24-22	28-18	<b>32-20</b>	36-18	
				18-19	20-22	22-19	<b>24-24</b>	28-19	32-22	<b>36-20</b>	
				<b>18-20</b>	<b>20-23</b>	<b>22-20</b>	24-27	28-20	<b>32-63</b>	<b>36-21</b>	
				18-22	20-24	22-21	24-28	28-21	<b>32-73</b>	36-52	
				<b>18-23</b>	<b>20-25</b>	22-22	<b>24-80</b>	28-22		<b>36-66</b>	
				18-24	20-27	22-23					
				<b>18-27</b>	20-29	<b>22-24</b>					
				<b>18-28</b>	<b>20-30</b>	22-27					
				<b>18-29</b>	<b>20-32</b>	<b>22-28</b>					
				<b>18-30</b>	20-33	<b>22-30</b>					
				<b>18-31</b>		<b>22-32</b>					
						<b>22-33</b>					
						<b>22-34</b>					
						22-36					

**Blue Colored inserts for (MS) Crimp Version only**

**Red Colored inserts for (MS) Solder Version only**

**Black colored inserts are for both**