

### Easy Steps to build a part number... SJT

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

Connector Type SJT	Shell Style	Service Class	Shell Size- Insert Arrangement.	Contact Type	Alternate Keying Position	Finish Variations Suffix
<b>SJT</b>	<b>00</b>	<b>RT</b>	<b>18-66</b>	<b>P</b>	<b>A</b>	<b>(XXX)</b>

#### Step 1. Select a Connector Type

	Designates
<b>SJT</b>	Standard scoop-proof Junior Tri-Lock Connector
<b>SJTS</b>	High Temperature Connector
<b>SJTG</b>	Plug with Grounding Fingers
<b>SJTP</b>	Back Panel Mounted

#### Step 6. Select an Alternate Keying Position

A plug with a given rotation letter will mate with a receptacle with the same rotation letter. The AB angle for a given connector is the same whether it contains pins or sockets. Inserts are not rotated in conjunction with the master key/keyway.

AB angles shown are viewed from the front face of the connector. A receptacle is shown below. The angles for the plug are exactly the same, except the direction of rotation is opposite of that shown for the receptacle.

#### Key/Keyway Rotation AB ANGLE OF ROTATION (Degrees)

Shell Size	Normal	A	B	C	D
8	95				
10	95	81	67	123	109
12	95	75	63	127	115
14	95	74	61	129	116
16	95	77	65	125	113
18	95	77	65	125	113
20	95	77	65	125	113
22	95	80	69	121	110
24	95	80	69	121	110

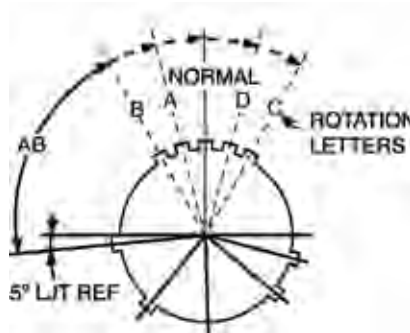
#### Step 2. Select a Shell Style

	Designates
<b>00</b>	Wall Mount Receptacle
<b>06</b>	Straight Plug
<b>07</b>	Jam Nut Receptacle
<b>I</b>	Solder Mount Receptacle – Hermetic

#### Step 3. Select a Service Class

	Designates
<b>Y</b>	For hermetic applications. . . Fused compression glass sealed inserts. Leakage rate less than $1.0 \times 10^{-6}$ cc/sec. at 15 psi differential; with interfacial seal.
<b>RT</b>	For environmental applications – supplied without rear accessories. Design provides serrations on rear threads of shells with moisture sealing pilot for back shells.

For additional information defining complete description of service class, consult Amphenol.



RELATIVE POSSIBLE POSITION OF ROTATED MASTER KEYWAY (front face of receptacle shown)

#### Step 4. Select a Shell Size & Insert Arrangement from chart on pg. 100. To view Insert Arrangement illustrations see pgs. 10-17.

Shell Size & Insert Arrangements are together in one chart. First number represents Shell Size, second number is the Insert Arrangement. Only selected illustrations are available for SJT on pages 10-17. Please refer to chart on page 100 for select Insert Arrangements.

#### Step 5. Select a Contact Type

	Designates
<b>P</b>	Pin Contacts
<b>S</b>	Socket Contacts

#### Step 7. Select a Finish Variation Suffix FINISH DATA

Aluminum Shell Components Non-Hermetic		
Finish	Suffix	Indicated Finish Standard for SJT Types
Bright Cadmium Plated Nickel Base		<b>SJT/SJTG</b>
Anodic Coating (Alumilite)	<b>(005)</b>	
Chromate Treated (Iridite 14-2)	<b>(011)</b>	
Olive Drab Cadmium Plate Nickel Base	<b>(014)</b>	
Electroless Nickel Coating	<b>(023)</b>	
Hermetic Connectors		
Carbon Steel Shell, Tin Plated Shell and Contacts		<b>SJT( Y)</b>
Stainless Steel Shell, Gold Plated Contacts	Consult Amphenol	

38999

III
HD
Dualok
II
I
<b>SJT</b>
Accessories
Aquacon
Herm/Seal
PCB

<b>HIGH SPEED</b>
Fiber Optics
Contacts Connectors Cables

EMI Filter  
Transient

26482  
Matrix 2

83723 III  
Matrix | Pyle

26500  
Pyle

5015  
Crmp Rear Release Matrix

22992  
Class 1

Back-Shell's

Options Others