

# PCB Wall Mounting Receptacle Hermetic Commercial (JT00)

38999

III  
Dualok  
II  
I  
SJT  
Access  
Aquacon

Series II



	1.	2.	3.	4.	5.	6.
PART #	Base Number	Coded Shell Size	Insert Arrg.	Contact Type/Alt. Keying Position	Shell Finish	Tail Length
See chart below	10-626	431	-35	P	T	B

## HOW TO ORDER

### 1. BASE NUMBER:

**10-626** Base Number for MIL-DTL-38999 Series III Hermetic with PCB Tail

### 2. SELECT A CODED SHELL SIZE:

See chart below **431-439**, designates size 9-25 shell size.

### 3. SELECT AN INSERT ARRANGEMENT:

Refer to insert availability chart on page 2-5 and pin-out illustrations on pages 14-28.

**-35** Designates Insert Arrangement Number

### 4. CONTACT TYPE/ALTERNATE KEYING POSITIONS:

Refer to page 89 for alternate rotation letters to use.

**P** Designates Pin Contacts in Normal Position  
**S** Designates Socket Contacts in Normal Position

### 5. SELECT A SHELL FINISH:

**1** Hermetic seal, passivated Stainless Steel, 200°C  
**2** Hermetic seal, Stainless Steel w/Nickel Plate  
**3** Carbon Steel w/reflowed tin plate

### 6. SELECT A TAIL LENGTH:

**B** .100±.03  
**D** .200±.03  
**F** .300±.03

■ ⊕ .005 DIA (M)

Shell Size	Part Number	L Max.	N +.001 / -.005	R (TP)	S ±.016	T ±.005	V Thread Class 2A
8	10-626 <b>431</b> -XXX	.234	.473	.594	.812	.120	.5625-24UNEF
10	<b>432</b> -XXX	.234	.590	.719	.938	.120	.6875-24UNEF
12	<b>433</b> -XXX	.234	.750	.812	1.031	.120	.8125-20UNEF
14	<b>434</b> -XXX	.234	.875	.906	1.125	.120	.9375-20UNEF
16	<b>435</b> -XXX	.234	1.000	.969	1.219	.120	1.0625-18UNEF
18	<b>436</b> -XXX	.234	1.125	1.062	1.312	.120	1.1875-18UNEF
20	<b>437</b> -XXX	.234	1.250	1.156	1.438	.120	1.3125-18UNEF
22	<b>438</b> -XXX	.234	1.375	1.250	1.562	.120	1.4375-18UNEF
24	<b>439</b> -XXX	.313	1.500	1.375	1.688	.147	1.5625-18UNEF

B

# PCB Box Mounting Receptacle Hermetic

## Commercial JT02

38999



III  
Duallok  
II  
I  
SJT  
Access  
Aquacon

Series II

	1.	2.	3.	4.	5.	6.
<b>PART #</b> See chart below	Base Number 10-626	Coded Shell Size 461	Insert Arrg. -35	Contact Type/ Alt. Keying Position P	Shell Finish 1	Tail Length B

## HOW TO ORDER

### 1. BASE NUMBER:

**10-626** Base Number for MIL-DTL-38999 Series III Hermetic with PCB Tail

### 2. SELECT A CODED SHELL SIZE:

See chart below **461-469**, designates size 9-25 shell size.

### 3. SELECT AN INSERT ARRANGEMENT:

Refer to insert availability chart on page 2-5 and pin-out illustrations on pages 14-28.

**-35** Designates Insert Arrangement Number

### 4. CONTACT TYPE/ALTERNATE KEYING POSITIONS:

Refer to page 89 for alternate rotation letters to use.

**P** Designates Pin Contacts in Normal Position  
**S** Designates Socket Contacts in Normal Position

### 5. SELECT A SHELL FINISH:

**1** Hermetic seal, passivated Stainless Steel, 200°C  
**2** Hermetic seal, Stainless Steel w/Nickel Plate  
**3** Carbon Steel w/reflowed tin plate

### 6. SELECT A TAIL LENGTH:

**B** .100±.03  
**D** .200±.03  
**F** .300±.03

⊕ .005 DIA (M)

Shell Size	Part Number	L +.006 -.015	N +.001 -.005	R (TP)	S ±.016	T ±.005	KK +.001 -.005
8	10-626 <b>461</b> -XXX	.051	.473	.594	.812	.120	.562
10	<b>462</b> -XXX	.051	.590	.719	.938	.120	.672
12	<b>463</b> -XXX	.051	.750	.812	1.031	.120	.781
14	<b>464</b> -XXX	.051	.875	.906	1.125	.120	.906
16	<b>465</b> -XXX	.051	1.000	.969	1.219	.120	1.031
18	<b>466</b> -XXX	.051	1.125	1.062	1.312	.120	1.156
20	<b>467</b> -XXX	.051	1.250	1.156	1.438	.120	1.250
22	<b>468</b> -XXX	.080	1.375	1.250	1.562	.120	1.375
24	<b>469</b> -XXX	.080	1.500	1.375	1.688	.147	1.500

All dimensions for reference only.

B

# PCB Jam Nut Receptacle Hermetic Commercial (JT07)

38999

III  
Dualok  
II  
I  
SJT  
Access  
Aquacon

Series II



	1.	2.	3.	4.	5.	6.
<b>PART #</b>	Base Number	Coded Shell Size	Insert Arrg.	Contact Type/ Alt. Keying Position	Shell Finish	Tail Length
See chart below	10-626	441	-35	P	1	B

## HOW TO ORDER

### 1. BASE NUMBER:

**10-626** Base Number for MIL-DTL-38999 Series III Hermetic with PCB Tail

### 2. SELECT A CODED SHELL SIZE:

See chart below **441-449**, designates size 9-25 shell size.

### 3. SELECT AN INSERT ARRANGEMENT:

Refer to insert availability chart on page 2-5 and pin-out illustrations on pages 14-28.

**-35** Designates Insert Arrangement Number

### 4. CONTACT TYPE/ALTERNATE KEYING POSITIONS:

Refer to page 89 for alternate rotation letters to use.

**P** Designates Pin Contacts in Normal Position  
**S** Designates Socket Contacts in Normal Position

### 5. SELECT A SHELL FINISH:

**1** Hermetic seal, passivated Stainless Steel, 200°C  
**2** Hermetic seal, Stainless Steel w/Nickel Plate  
**3** Carbon Steel w/reflowed tin plate

### 6. SELECT A TAIL LENGTH:

**B** .100±.03  
**D** .200±.03  
**F** .300±.03

Shell Size	Part Number	A+ +.000 -.010	C Max.	H +.017 -.016	M ±.005	N +.001 -.005	S ±.016	T+ +.010 -.000	RR Thread Class 2A
8	10-626 <b>441</b> -XXX	.830	1.390	1.062	.438	.473	1.250	.884	.8750-20UNEF
10	<b>442</b> -XXX	.955	1.515	1.188	.438	.590	1.375	1.007	1.0000-20UNEF
12	<b>443</b> -XXX	1.084	1.640	1.312	.438	.750	1.500	1.134	1.1250-18UNEF
14	<b>444</b> -XXX	1.208	1.765	1.438	.438	.875	1.625	1.259	1.2500-18UNEF
16	<b>445</b> -XXX	1.333	1.953	1.562	.438	1.000	1.781	1.384	1.3750-18UNEF
18	<b>446</b> -XXX	1.459	2.031	1.688	.438	1.125	1.890	1.507	1.5000-18UNEF
20	<b>447</b> -XXX	1.576	2.156	1.812	.464	1.250	2.016	1.634	1.6250-18UNEF
22	<b>448</b> -XXX	1.701	2.280	2.000	.464	1.375	2.140	1.759	1.7500-18UNS
24	<b>449</b> -XXX	1.826	2.405	2.125	.464	1.500	2.265	1.884	1.8750-16UN

★ .059 Dia. Min. 3 lockwire holes. Formed lockwire hole design (6 holes) is optional.

+ "D" shaped mounting hole dimensions.

\*\* Panel Thickness

All dimensions for reference only.

