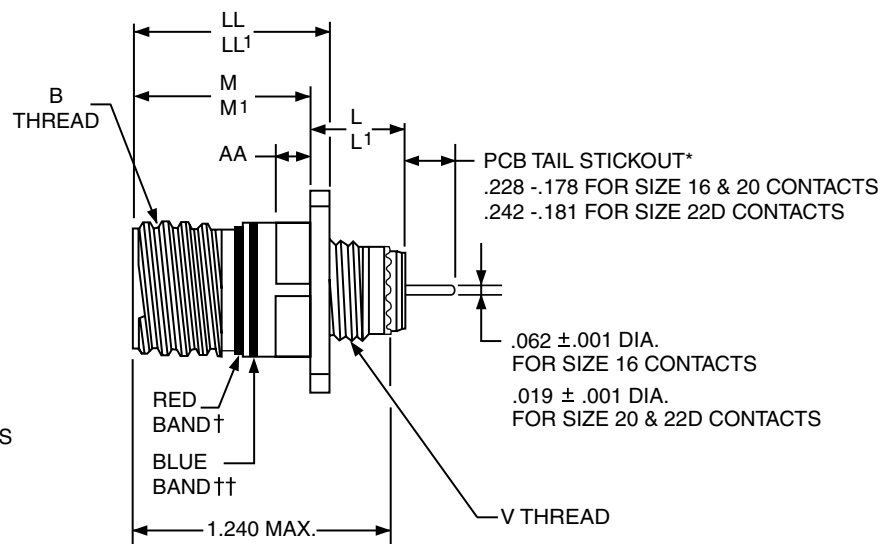
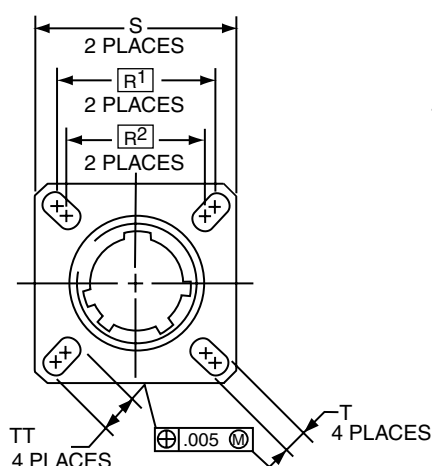


Wall Mounting Receptacle (Back Panel Mounting)

Series III TV

38999



PART #	Shell Finish	Base Number	Coded Shell Size	Insert Arrangement	Contact Type/Alt. Keying Positions
See chart below	88/91	569	76X	-35	P

HOW TO ORDER

1. Select a Shell Finish:

88	Designates olive drab cadmium plated connector shell
91	Designates electroless nickel plated connector shell

Consult Amphenol Aerospace for ordering of composite styles.

2. Base Number:

569	Base Number
-----	-------------

3. Select a Coded Shell Size:

See chart below 761-769, designates size 9-25 shell size.

Example: 761 = Size 9 Shell

4. Select an Insert Arrangement:

Refer to insert availability chart on page 146 and pin-out illustrations on pages 148-162. In the chart the first number represents the Shell size and the second number is the Insert Arrangement.

-35	Designates Insert Arrangement Number
-----	--------------------------------------

5. Contact Type/Alternate Keying Positions:

Refer to page 147 for alternate rotation letters to use.

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

Shell Size	Coded Shell Size	B Thread Class 2A (Plated) 0.1P-0.3L-TS	L Max. (TV)	L ¹ Max. (CTV)	M +.000 - .005 (TV)	M ¹ +.000 - .005 (CTV)	R1	R2	S Max.	T +.008 - .006	V Thread Metric	AA Max. Panel Thickness	LL +.006 - .000 (TV)	LL ¹ ±.005 (CTV)	TT +.008 - .006
9	761	.6250	.469	.514	.820	.773	.719	.594	.948	.128	M12X1-6g	.234	.905	.908	.216
11	762	.7500	.469	.514	.820	.773	.812	.719	1.043	.128	M15X1-6g	.234	.905	.908	.194
13	763	.8750	.469	.514	.820	.773	.906	.812	1.137	.128	M18X1-6g	.234	.905	.908	.194
15	764	1.0000	.469	.514	.820	.773	.969	.906	1.232	.128	M22X1-6g	.234	.905	.908	.173
17	765	1.1875	.469	.514	.820	.773	1.062	.969	1.323	.128	M25X1-6g	.234	.905	.908	.194
19	766	1.2500	.469	.514	.820	.773	1.156	1.062	1.449	.128	M28X1-6g	.234	.905	.908	.194
21	767	1.3750	.500	.545	.790	.741	1.250	1.156	1.575	.128	M31X1-6g	.204	.905	.904	.194
23	768	1.5000	.500	.545	.790	.741	1.375	1.250	1.701	.154	M34X1-6g	.204	.905	.904	.242
25	769	1.6250	.500	.545	.790	.741	1.500	1.375	1.823	.154	M37X1-6g	.204	.905	.904	.242

All dimensions for reference only.

Most common options are shown; other options are available.

□ Designates true position dimensioning
 † Red band indicates fully mated
 †† Blue band indicates rear release contact retention system

III

HD

Dualok

II

I

SJT

Accessories

Aquacon

Herm/Seal

PCB

HIGH SPEED

Fiber Optics

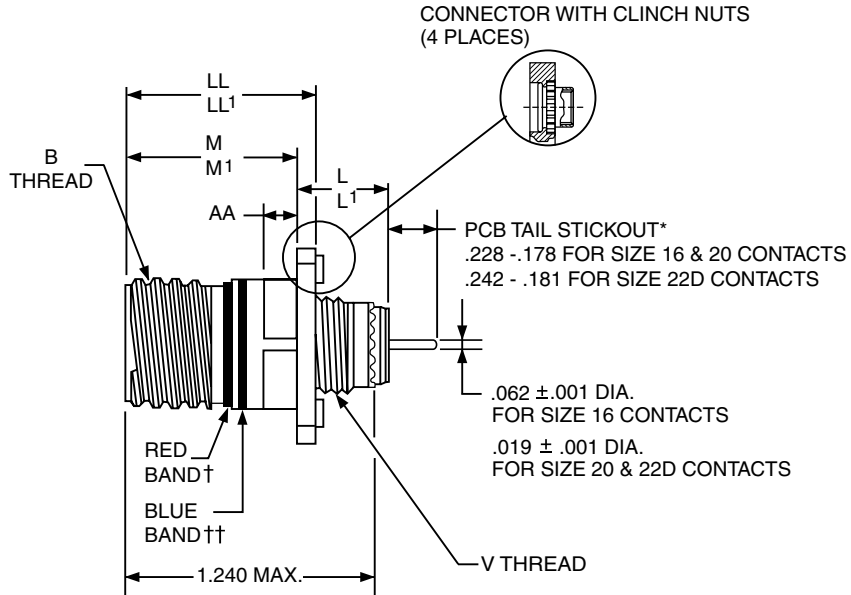
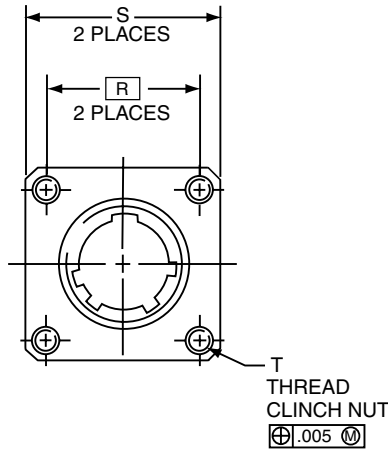
Contacts
Connectors
CablesEMI Filter
Transient26482
Matrix 283723 III
Matrix | Pyle26500
Pyle5015
Crimp Rear Release Matrix22992
Class I

Back-Shell

Options
Others

Wall Mounting Receptacle (Back Panel Mounting) (With Clinch Nuts)

Series III TV



PART #	1. Shell Finish	2. Base Number	3. Coded Shell Size	4. Insert Arrangement	5. Contact Type/Alt. Keying Positions
See chart below	88/91	628	74X	-35	P

HOW TO ORDER

1. Select a Shell Finish:

88	Designates olive drab cadmium plated connector shell
91	Designates electroless nickel plated connector shell

Consult Amphenol Aerospace for ordering of composite styles.

2. Base Number:

628	Base Number
-----	-------------

3. Select a Coded Shell Size:

See chart below **741-749**, designates size 9-25 shell size.

Example: **741** = Size 9 Shell

4. Select an Insert Arrangement:

Refer to insert availability chart on page 146 and pin-out illustrations on pages 148-162. In the chart the first number represents the Shell size and the second number is the Insert Arrangement.

-35	Designates Insert Arrangement Number
-----	--------------------------------------

5. Contact Type/Alternate Keying Positions:

Refer to page 147 for alternate rotation letters to use.

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

Shell Size	Coded Shell Size	B Thread Class 2A (Plated) 0.1P-0.3L-TS	L Max. (TV)	L ¹ Max. (CTV)	M +.000 - .005 (TV)	M ¹ +.000 - .005 (CTV)	R	S Max.	T Thread	V Thread Metric	AA Max. Panel Thickness	LL +.006 - .000 (TV)	LL ¹ ±.005 (CTV)
9	741	.6250	.469	.514	.820	.773	.719	1.094	.112-40UNC-3B	M12X1-6g	.234	.905	.908
11	742	.7500	.469	.514	.820	.773	.812	1.187	.112-40UNC-3B	M15X1-6g	.234	.905	.908
13	743	.8750	.469	.514	.820	.773	.906	1.281	.112-40UNC-3B	M18X1-6g	.234	.905	.908
15	744	1.0000	.469	.514	.820	.773	.969	1.344	.112-40UNC-3B	M22X1-6g	.234	.905	.908
17	745	1.1875	.469	.514	.820	.773	1.062	1.437	.112-40UNC-3B	M25X1-6g	.234	.905	.908
19	746	1.2500	.469	.514	.820	.773	1.156	1.531	.112-40UNC-3B	M28X1-6g	.234	.905	.908
21	747	1.3750	.500	.545	.790	.741	1.250	1.625	.112-40UNC-3B	M31X1-6g	.204	.905	.904
23	748	1.5000	.500	.545	.790	.741	1.375	1.750	.138-32UNC-3B	M34X1-6g	.204	.905	.904
25	749	1.6250	.500	.545	.790	.741	1.500	1.875	.138-32UNC-3B	M37X1-6g	.204	.905	.904

All dimensions for reference only.

Consult Amphenol for more information on ordering connectors with clinch nuts.

Most common options are shown; other options are available.

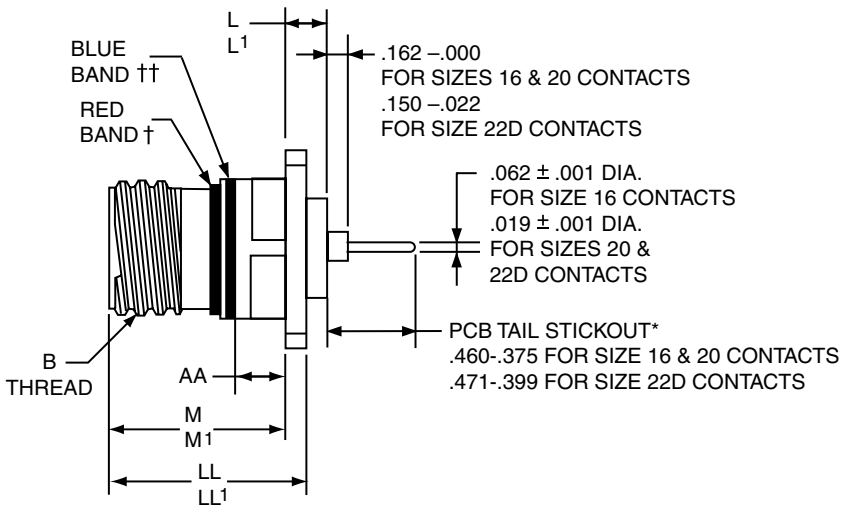
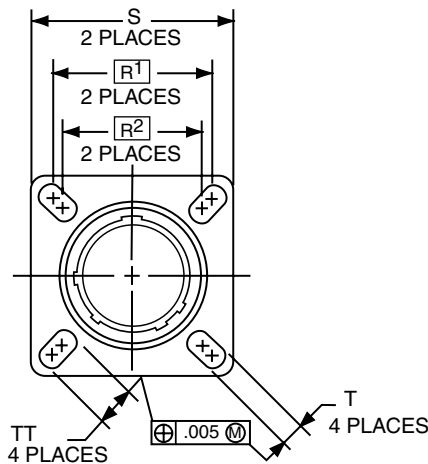
□ Designates true position dimensioning

† Red band indicates fully mated

†† Blue band indicates rear release contact retention system

Box Mounting Receptacle

Series III TV



PART #	Shell Finish	Base Number	Coded Shell Size	Insert Arrangement	Contact Type/Alt. Keying Positions
See chart below	88/91	569	77X	-35	P

HOW TO ORDER

1. Select a Shell Finish:

88	Designates olive drab cadmium plated connector shell
91	Designates electroless nickel plated connector shell

Consult Amphenol Aerospace for ordering of composite styles.

2. Base Number:

569	Base Number
-----	-------------

3. Select a Coded Shell Size:

See chart below **771-779**, designates size 9-25 shell size.Example: **771** = Size 9 Shell

Shell Size	Coded Shell Size	B Thread Class 2A (Plated) 0.1P-0.3L-TS	L Max. (TV)	L ¹ Max. (CTV)	M +.000 - .005 (TV)	M ¹ +.000 - .005 (CTV)	R1	R2	S Max.	T +.008 - .006	AA Max. Panel Thickness	LL +.006 - .000 (TV)	LL ¹ ±.005 (CTV)	TT ±.008
9	771	.6250	.205	.250	.820	.773	.719	.594	.948	.128	.234	.905	.908	.216
11	772	.7500	.205	.250	.820	.773	.812	.719	1.043	.128	.234	.905	.908	.194
13	773	.8750	.205	.250	.820	.773	.906	.812	1.137	.128	.234	.905	.908	.194
15	774	1.0000	.205	.250	.820	.773	.969	.906	1.232	.128	.234	.905	.908	.173
17	775	1.1875	.205	.250	.820	.773	1.062	.969	1.323	.128	.234	.905	.908	.194
19	776	1.2500	.205	.250	.820	.773	1.156	1.062	1.449	.128	.234	.905	.908	.194
21	777	1.3750	.235	.280	.790	.741	1.250	1.156	1.575	.128	.204	.905	.904	.194
23	778	1.5000	.235	.280	.790	.741	1.375	1.250	1.701	.154	.204	.905	.904	.242
25	779	1.6250	.235	.280	.790	.741	1.500	1.375	1.823	.154	.204	.905	.904	.242

All dimensions for reference only.

Most common options are shown; other options are available.

□ Designates true position dimensioning
 † Red band indicates fully mated
 †† Blue band indicates rear release contact retention system

38999

III

HD

Dualok

II

I

SJT

Accessories

Aquacon

Herm/Seal

PCB

HIGH SPEED

Fiber Optics

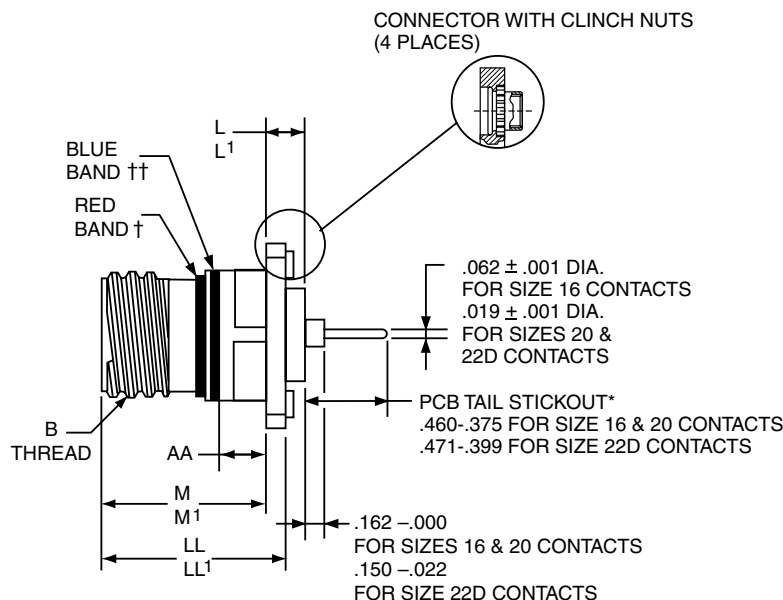
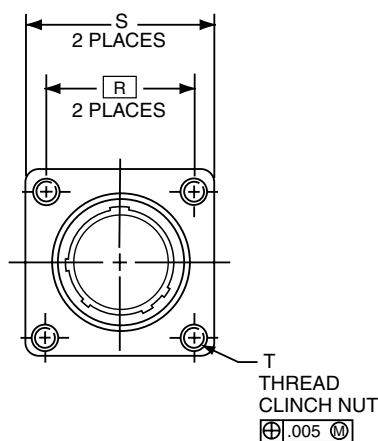
Contacts
Connectors
CablesEMI Filter
Transient26482
Matrix 283723 III
Matrix | Pyle26500
Pyle5015
Crimp Rear Release Matrix22992
Class I

Back-Shell

Options
Others

Box Mounting Receptacle (With Clinch Nuts)

Series III TV



1.	2.	3.	4.	5.
PART #	Shell Finish	Base Number	Coded Shell Size	Insert Arrangement
See chart below	88/91	628	75 X	-35
				Contact Type/Alt. Keying Positions
				P

HOW TO ORDER

1. Select a Shell Finish:

88	Designates olive drab cadmium plated connector shell
91	Designates electroless nickel plated connector shell

Consult Amphenol Aerospace for ordering of composite styles.

2. Base Number:

628	Base Number
------------	-------------

3. Select a Coded Shell Size:

See chart below **751-759**, designates size 9-25 shell size.

Example: **751** = Size 9 Shell

4. Select an Insert Arrangement:

Refer to insert availability chart on page 146 and pin-out illustrations on pages 148-162. In the chart the first number represents the Shell size and the second number is the Insert Arrangement.

-35	Designates Insert Arrangement Number
------------	--------------------------------------

5. Contact Type/Alternate Keying Positions:

Refer to page 147 for alternate rotation letters to use.

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

Shell Size	Coded Shell Size	B Thread Class 2A (Plated) 0.1P-0.3L-TS	L Max. (TV)	L ¹ Max. (CTV)	M +.000 - .005 (TV)	M ¹ +.000 - .005 (CTV)	R	S Max.	T Thread	AA Max. Panel Thickness	LL +.006 - .000 (TV)	LL ¹ +.006 - .000 (CTV)
9	751	.6250	.205	.250	.820	.773	.719	1.031	.112-40UNC-3B	.234	.905	.908
11	752	.7500	.205	.250	.820	.773	.812	1.125	.112-40UNC-3B	.234	.905	.908
13	753	.8750	.205	.250	.820	.773	.906	1.172	.112-40UNC-3B	.234	.905	.908
15	754	1.0000	.205	.250	.820	.773	.969	1.281	.112-40UNC-3B	.234	.905	.908
17	755	1.1875	.205	.250	.820	.773	1.062	1.375	.112-40UNC-3B	.234	.905	.908
19	756	1.2500	.205	.250	.820	.773	1.156	1.469	.112-40UNC-3B	.234	.905	.908
21	757	1.3750	.235	.280	.790	.741	1.250	1.562	.112-40UNC-3B	.204	.905	.904
23	758	1.5000	.235	.280	.790	.741	1.375	1.750	.112-40UNC-3B	.204	.905	.904
25	759	1.6250	.235	.280	.790	.741	1.500	1.875	.112-40UNC-3B	.204	.905	.904

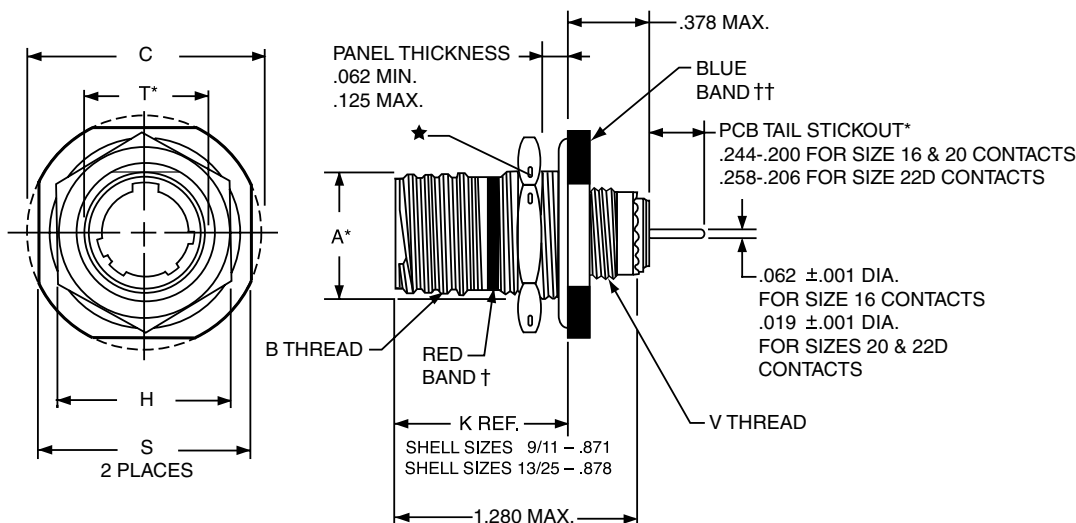
All dimensions for reference only.
Most common options are shown; other options are available.

□ Designates true position dimensioning
† Red band indicates fully mated
†† Blue band indicates rear release contact retention system

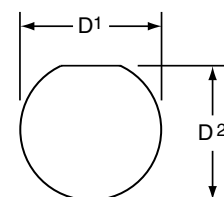
Jam Nut Receptacle

Series III TV

38999



PANEL HOLE
DIMENSIONS



JAM NUT
D-HOLE
MOUNTING

PART #	1. Shell Finish	2. Base Number	3. Coded Shell Size	4. Insert Arrangement	5. Contact Type/Alt. Keying Positions
See chart below	88/91	569	78 X	-35	P

HOW TO ORDER

1. Select a Shell Finish:

88	Designates olive drab cadmium plated connector shell
91	Designates electroless nickel plated connector shell

Consult Amphenol Aerospace for ordering of composite styles.

2. Base Number:

569	Base Number
-----	-------------

3. Select a Coded Shell Size:

See chart below **781-789**, designates size 9-25 shell size.

Example: **781** = Size 9 Shell

4. Select an Insert Arrangement:

Refer to insert availability chart on page 146 and pin-out illustrations on pages 148-162. In the chart the first number represents the Shell size and the second number is the Insert Arrangement.

-35	Designates Insert Arrangement Number
-----	--------------------------------------

5. Contact Type/Alternate Keying Positions:

Refer to page 147 for alternate rotation letters to use.

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

Shell Size	Coded Shell Size	A* +.000 -.010	B Thread Class 2A (Plated) 0.1P-0.3L-TS	C Max.	D1 +.010 -.000	D2 +.010 -.000	H Hex +.017 -.016	S ±.010	T +.010 -.000	V Thread Metric
9	781	.669	.6250	1.199	.700	.670	.875	1.062	.697	M12X1-6g
11	782	.769	.7500	1.386	.825	.770	1.000	1.250	.822	M15X1-6g
13	783	.955	.8750	1.511	1.010	.955	1.188	1.375	1.007	M18X1-6g
15	784	1.084	1.0000	1.636	1.135	1.085	1.312	1.500	1.134	M22X1-6g
17	785	1.208	1.1875	1.761	1.260	1.210	1.438	1.625	1.259	M25X1-6g
19	786	1.333	1.2500	1.949	1.385	1.335	1.562	1.812	1.384	M28X1-6g
21	787	1.459	1.3750	2.073	1.510	1.460	1.688	1.938	1.507	M31X1-6g
23	788	1.575	1.5000	2.199	1.635	1.585	1.812	2.062	1.634	M34X1-6g
25	789	1.709	1.6250	2.323	1.760	1.710	2.000	2.188	1.759	M37X1-6g

All dimensions for reference only.
Most common options are shown;
other options are available.

† Red band indicates fully mated
†† Blue band indicates rear release contact retention system
★.059 dia. min. 3 lockwire holes. Formed lockwire hole design (6 holes) is optional.
**D" shaped mounting hole dimensions

III
HD
Dualok
II
SJT
Accessories
Aquacon
Herm/Seal
PCB

HIGH
SPEED
Fiber Optics
Contacts
Connectors
Cables

EMI Filter
Transient

26482
Matrix 2
83723 III
Matrix | Pyle

26500
Pyle

5015
Cramp Rear
Release
Matrix

22992
Class L

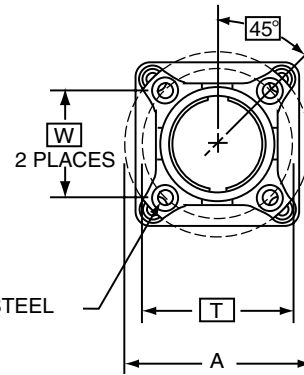
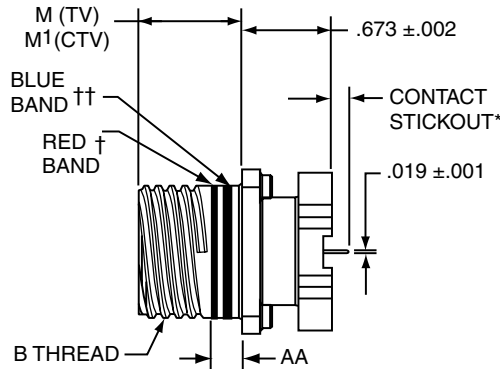
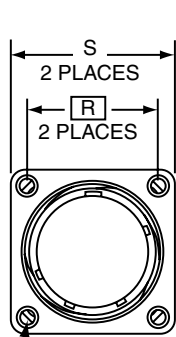
Back-
Shells

Options
Others

Wall Mounting Double Flange Receptacle

38999

Series III TV



(4) CORROSION RESISTANT STEEL
SELF-LOCKING CLINCH NUTS
.112-40 UNC-3B PER MIL-N-45938/6-4C
EXCEPT FOR TV40 SHELL SIZES 23 & 25:
.138-32 UNC-3B PER MIL-N-45938/6-6C

(4) CORROSION RESISTANT STEEL
.112-40 UNC-3B INSERTS

Ⓢ Ⓟ .005 Ⓜ

Ⓢ Ⓟ .005 Ⓜ

	1.	2.	3.	4.	5.
PART #	Shell Finish	Base Number	Coded Shell Size	Insert Arrangement	Contact Type/Alt. Keying Positions
See chart below	88/91	677	16 X	-35	P

HOW TO ORDER

1. Select a Shell Finish:

88	Designates olive drab cadmium plated connector shell
91	Designates electroless nickel plated connector shell

Consult Amphenol Aerospace for ordering of composite styles.

2. Base Number:

677	Base Number
-----	-------------

3. Select a Coded Shell Size:

See chart below **161-169** or **141-149**, designates size 9-25 shell size. Example: **161**= Size 9 Shell and **141**= Size 9 Shell

4. Select an Insert Arrangement:

Refer to insert availability chart on page 146 and pin-out illustrations on pages 148-162. In the chart the first number represents the Shell size and the second number is the Insert Arrangement.

-35	Designates Insert Arrangement Number
-----	--------------------------------------

5. Contact Type/Alternate Keying Positions:

Refer to page 147 for alternate rotation letters to use.

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

Shell Size	TV40 Coded Shell Size	CTV40 Coded Shell Size	MS Shell Size Code (For Ref.)	A Dia. ±.005 (TV)	A Dia. ±.005 (CTV)	B Thread Class 2A (Plated) 0.1P-0.3L-TS	M +.000 -.005	M1 ±.003 (CTV)	R (Panel Mount) (CTV)	R (Panel Mount) (TV)	S Max. (TV)	S Max. (CTV)	AA Max. Panel Thickness	PCB Mounting Dimensions	
														T Dia. (TV) TP	W (CTV) TP
9	161	141	A	NA	1.016	.6250	.820	.770	.719	N/A	NA	.949	.234	NA	.532
11	162	142	B	1.062	1.148	.7500	.820	.770	.812	.766	1.187	1.042	.234	.850	.601
13	163	143	C	1.250	1.250	.8750	.820	.770	.906	.859	1.281	1.136	.234	.994	.703
15	164	144	D	1.375	1.375	1.0000	.820	.770	.969	.938	1.344	1.230	.234	1.119	.791
17	165	145	E	1.500	1.500	1.1875	.820	.770	1.062	1.016	1.437	1.323	.234	1.237	.875
19	166	146	F	1.625	1.625	1.2500	.820	.770	1.156	1.110	1.531	1.449	.234	1.379	.975
21	167	147	G	1.750	1.750	1.3750	.820	.738	1.250	1.206	1.625	1.573	.204	1.489	1.053
23	168	148	H	1.875	1.875	1.5000	.820	.738	1.375	1.312	1.750	1.699	.204	1.619	1.195
25	169	149	J	2.000	2.000	1.6250	.820	.738	1.500	1.438	1.875	1.823	.204	1.744	1.233

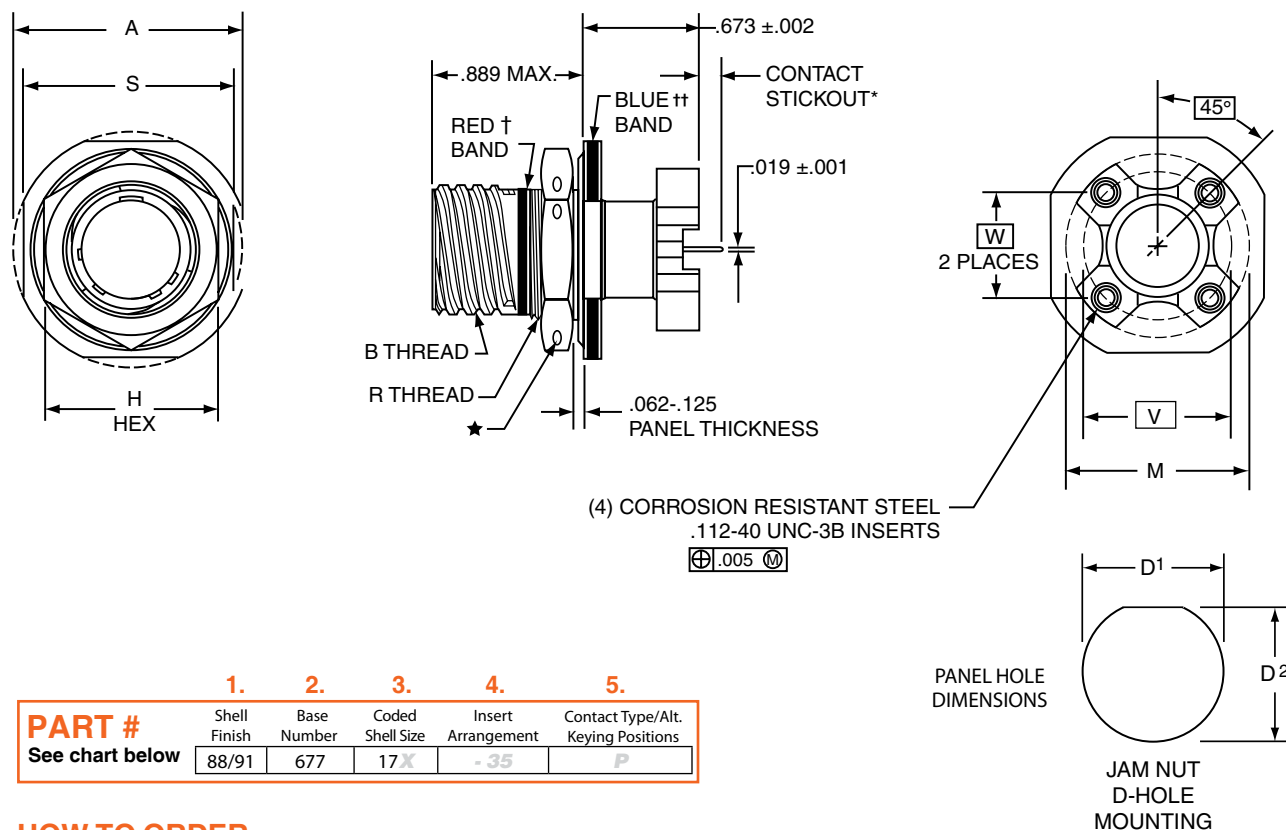
All dimensions for reference only.

† Red band indicates fully mated

†† Blue band indicates rear release contact retention system

Jam Nut Double Flange Receptacle

Series III TV



	1.	2.	3.	4.	5.
PART #	Shell Finish	Base Number	Coded Shell Size	Insert Arrangement	Contact Type/Alt. Keying Positions
See chart below	88/91	677	17X	-35	P

HOW TO ORDER

1. Select a Shell Finish:

88	Designates olive drab cadmium plated connector shell
91	Designates electroless nickel plated connector shell

Consult Amphenol Aerospace for ordering of composite styles.

2. Base Number:

677	Base Number
-----	-------------

3. Select a Coded Shell Size:

See chart below **171-179** or **151-159**, designates size 9-25 shell size. Example: **171** = Size 9 Shell or **151** = Size 9 Shell

4. Select an Insert Arrangement:

Refer to insert availability chart on page 146 and pin-out illustrations on pages 148-162. In the chart the first number represents the Shell size and the second number is the Insert Arrangement.

-35	Designates Insert Arrangement Number
-----	--------------------------------------

5. Contact Type/Alternate Keying Positions:

Refer to page 147 for alternate rotation letters to use.

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

Shell Size	TV47 Coded Shell Size	CTV47 Coded Shell Size	MS Shell Size Code (For Ref.)	B Thread Class 2A 0.1P-0.3L-TS (Plated)	C ±.005 (Jam Nut Flange Dia.)	D ¹ +.010 - .000	D ² +.000 - .010	H Hex +.017 - .016	M Dia. ±.005 (TV)	M Dia. ±.005 (CTV)	R Thread Metric (Plated)	S +.011 - .010	PCB Mounting Dimensions	
													V Dia. (TV) TP	W (CTV) TP
9	171	151	A	.6250	1.188	.700	.670	.875	1.062	1.016	M17X1-6g0.100R	1.062	.753	.532
11	172	152	B	.7500	1.375	.825	.770	1.000	1.062	1.148	M20X1-6g0.100R	1.250	.850	.601
13	173	153	C	.8750	1.500	1.010	.955	1.188	1.250	1.250	M25X1-6g0.100R	1.375	.994	.703
15	174	154	D	1.0000	1.625	1.135	1.085	1.312	1.375	1.375	M28X1-6g0.100R	1.500	1.119	.791
17	175	155	E	1.1875	1.750	1.260	1.210	1.438	1.500	1.500	M32X1-6g0.100R	1.625	1.237	.875
19	176	156	F	1.2500	1.937	1.385	1.335	1.562	1.625	1.625	M35X1-6g0.100R	1.812	1.379	.975
21	177	157	G	1.3750	2.062	1.510	1.460	1.688	1.750	1.750	M38X1-6g0.100R	1.937	1.489	1.053
23	178	158	H	1.5000	2.188	1.635	1.585	1.812	1.875	1.875	M41X1-6g0.100R	2.062	1.644	1.145
25	179	159	J	1.6250	2.312	1.760	1.710	2.000	2.000	2.000	M44X1-6g0.100R	2.188	1.744	1.233

All dimensions for reference only.

† Red band indicates fully mated

†† Blue band indicates rear release contact retention system.

★ .059 dia. min. (1.5 dia. min.) 3 lockwire holes. Formed lockwire hole design (6 holes) is optional.

38999

III
HD
Dualok
II
SJT
Accessories
Aquacon
Herm/Seal
PCB

HIGH SPEED
Fiber Optics
Contacts
Connectors
Cables

EMI Filter
Transient

26482
Matrix 2

83723 III
Matrix | Pyle

26500
Pyle

5015
Crimp Rear Release Matrix

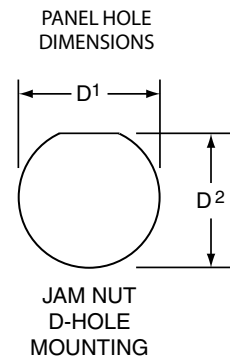
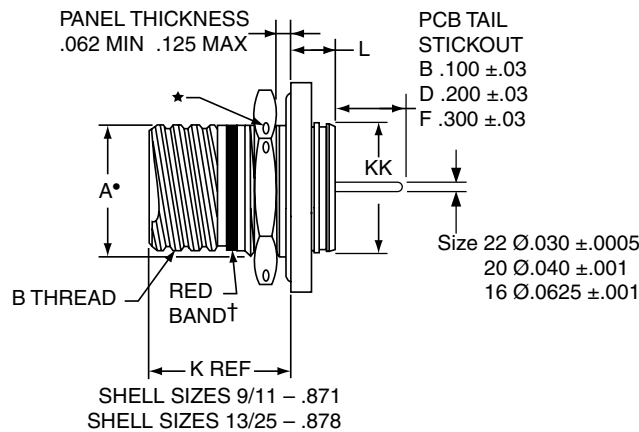
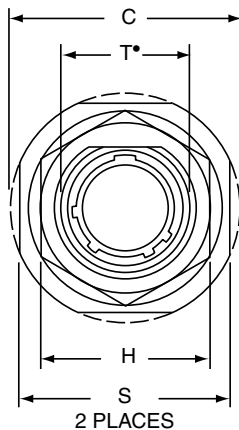
22992
Class 1

Back-Shell

Options
Others

Jam Nut Receptacle

Series III TV



PART #	1. Base Number	2. Coded Shell Size	3. Insert Arrangement	4. Contact Type/Alt. Keying Positions	5. Shell Finish	6. Tail Length
See chart below	10-626	47X	-35	P	7	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 **471-479**, designates size 9-25 shell size.

3. Select an Insert Arrangement:

Refer to insert availability chart on page 146 and pin-out illustrations on pages 148-162. In the chart the first number represents the Shell Size and the second number is the Insert Arrangement.

-35	Designates Insert Arrangement Number
-----	--------------------------------------

4. Contact Type/Alternate Keying Positions:

Refer to page 147 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

† Red band indicates fully mated

★.059 dia. min. (1.5 dia. min.) 3 lockwire holes. Formed lockwire hole design (6 holes) is optional.

Shell Size	Part Number	A* +.000 -.010	B Thread Class 2A 0.1P-0.3L- TS (Plated)	C Max	D1 +.010 -.000	D1 +.000 -.010	H Hex +.017 -.016	L Max	S ±.010	T* +.010 -.000	KK +.011 -.000
9	10-626471-XXX	.669	.6250	1.199	.700	.670	.875	.357	1.062	.697	.642
11	472-XXX	.769	.7500	1.386	.825	.770	1.000	.357	1.250	.822	.766
13	473-XXX	.955	.8750	1.511	1.010	.955	1.188	.357	1.375	1.007	.892
15	474-XXX	1.084	1.0000	1.636	1.135	1.085	1.312	.357	1.500	1.134	1.018
17	475-XXX	1.208	1.1875	1.761	1.260	1.210	1.438	.357	1.625	1.259	1.142
19	476-XXX	1.333	1.2500	1.949	1.385	1.335	1.562	.381	1.182	1.384	1.268
21	477-XXX	1.459	1.3750	2.073	1.510	1.460	1.688	.381	1.938	1.507	1.392
23	478-XXX	1.575	1.5000	2.199	1.635	1.585	1.812	.381	2.062	1.634	1.518
25	479-XXX	1.709	1.6250	2.323	1.760	1.710	2.000	.381	2.188	1.759	1.642

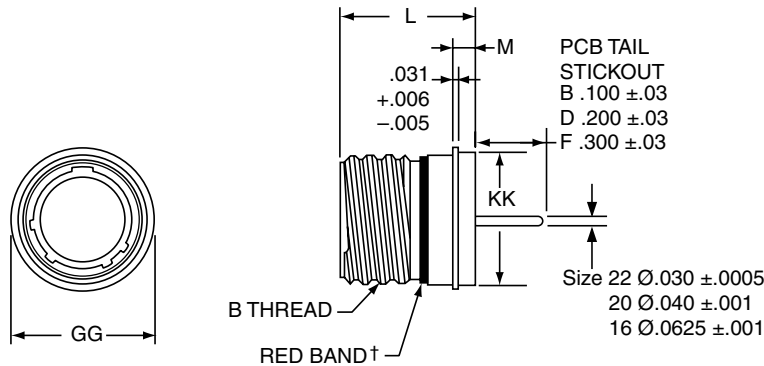
All dimensions for reference only.

38999, Series III Hermetic with PCB Contacts TVSIY Stainless Steel

Solder Mounting Receptacle

Series III TV

38999



PART

See chart below

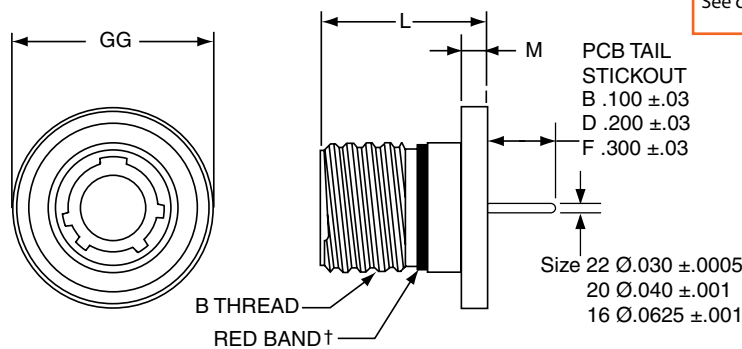
1.	2.	3.	4.	5.	6.
Base Number	Shell Size	Insert Arrg.	Contact Type/Alt. Keying Positions	Shell Finish	Tail Length
10-626	48	-35	P	1	B

Follow HOW TO ORDER instructions below.

† Red band indicates fully mated

Shell Size	Part Number	B Thread Class 2A 0.1P-0.3L-TS (Plated)	L +.011 -.005	M +.006 -.005	GG Dia. +.011 -.010	KK Dia. +.011 -.005
9	10-626481-XXX	.6250	.806	.125	.750	.672
11	482-XXX	.7500	.806	.125	.844	.781
13	483-XXX	.8750	.806	.125	.969	.906
15	484-XXX	1.0000	.806	.125	1.094	1.031
17	485-XXX	1.1875	.806	.125	1.218	1.156
19	486-XXX	1.2500	.806	.125	1.312	1.250
21	487-XXX	1.3750	.806	.125	1.438	1.375
23	488-XXX	1.5000	.838	.156	1.563	1.500
25	489-XXX	1.6250	.838	.156	1.688	1.625

38999, Series III Hermetic, Stainless Steel - PCB Contacts TVSHIY Weld Mounting Receptacle



† Red band indicates fully mated

Shell Size	Part Number	B Thread Class 2A 0.1P-0.3L-TS (Plated)	L +.011 -.000	M +.006 -.005	GG Dia. +.011 -.010
9	10-626491-XXX	.6250	.806	.125	.973
11	492-XXX	.7500	.806	.125	1.095
13	493-XXX	.8750	.806	.125	1.221
15	494-XXX	1.0000	.806	.125	1.347
17	495-XXX	1.1875	.806	.125	1.434
19	496-XXX	1.2500	.806	.125	1.579
21	497-XXX	1.3750	.806	.125	1.721
23	498-XXX	1.5000	.838	.156	1.886
25	499-XXX	1.6250	.838	.156	1.973

* Not available for weld mount

All dimensions for reference only.

1.	2.	3.	4.	5.	6.
Base Number	Coded Shell Size	Insert Arrg.	Contact Type/Alt. Keying Positions	Shell Finish	Tail Length
10-626	49	-35	P	1	B

PART

See chart below

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 **491-499**, designates size 9-25 shell size.

3. Select an Insert Arrangement:

Refer to insert availability chart on page 146 and pin-out illustrations on pages 148-162. In the chart the first number represents the Shell Size and the second number is the Insert Arrangement.

-35 Designates Insert Arrangement Number

4. Contact Type/Alternate Keying Positions:

Refer to page 147 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

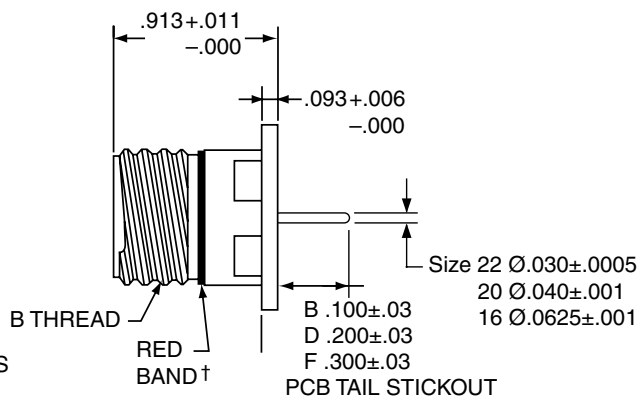
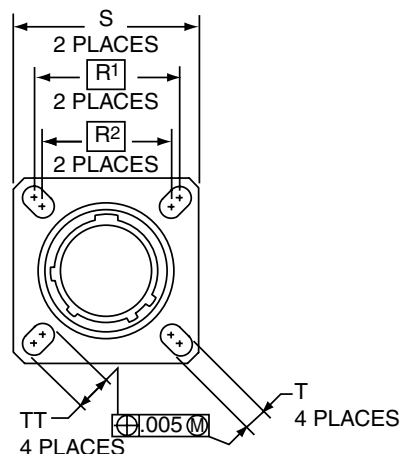
6. Select a Tail Length:

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

Box Mounting Receptacle

38999

Series III TV



PART

See chart below

1. Base Number	2. Coded Shell Size	3. Insert Arrg.	4. Contact Type/Alt. Keying Positions	5. Shell Finish	6. Tail Length
10-626	501	-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 **501-509**, designates size 9-25 shell size.
Example: **501** = Size 9 Shell

3. Select an Insert Arrangement:

Refer to insert availability chart on page 146 and pin-out illustrations on pages 148-162. In the chart the first number represents the Shell Size and the second number is the Insert Arrangement.

-35 Designates Insert Arrangement Number

4. Contact Type/Alternate Keying Positions:

Refer to page 147 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	B Thread 0.1P-0.3L-TS (Plated)	R1	R2	S ±.010	T ±.008	TT ±.008
9	10-626 501 -XXX	.6250	.719	.594	.938	.128	.216
11	502 -XXX	.7500	.812	.719	1.031	.128	.194
13	503 -XXX	.8750	.906	.812	1.125	.128	.194
15	504 -XXX	1.0000	.969	.906	1.219	.128	.173
17	505 -XXX	1.1875	1.062	.969	1.312	.128	.194
19	506 -XXX	1.2500	1.156	1.062	1.438	.128	.194
21	507 -XXX	1.3750	1.250	1.156	1.562	.128	.194
23	508 -XXX	1.5000	1.375	1.250	1.688	.154	.242
25	509 -XXX	1.6250	1.500	1.375	1.812	.154	.242

† Red band indicates fully mated

NOTE: Consult Amphenol Aerospace for availability of non-glass-sealed versions with printed circuit tail contacts.

All dimensions for reference.

□ Designates true position dimensioning

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[91-569745-35P](#) [LJT06RT-13-4P-014](#) [91-569742-05P](#)