

Welded Connectors

WBXPL-W Expansion

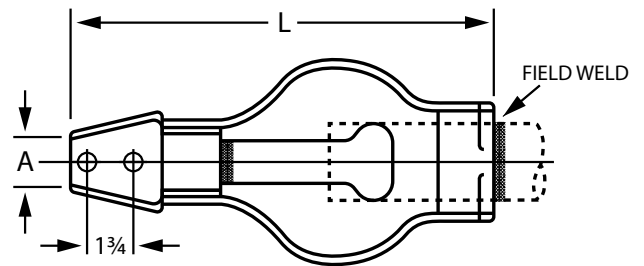
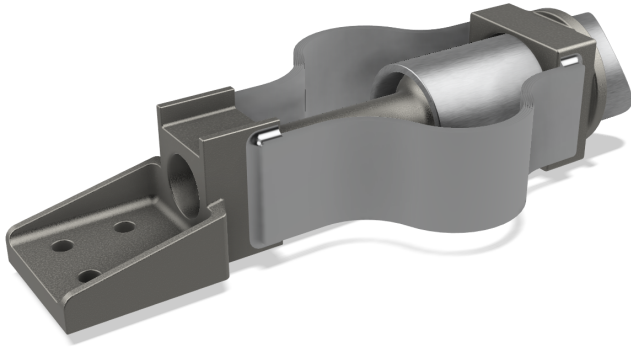


Fig. 1

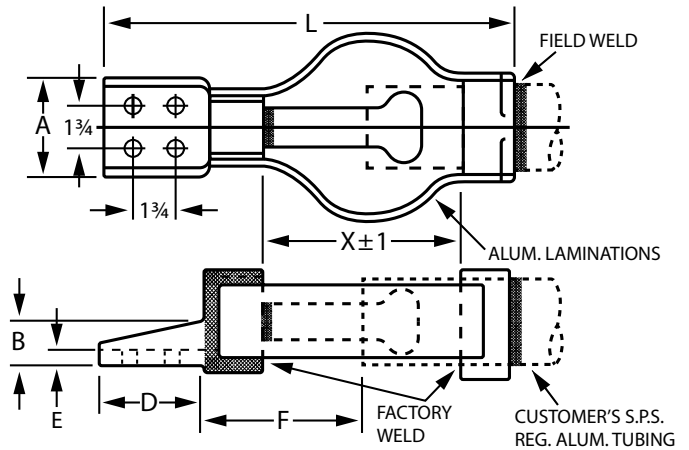


Fig. 2

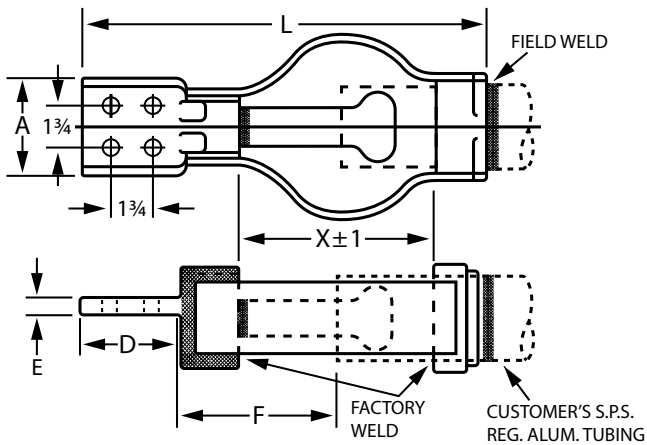


Fig. 4

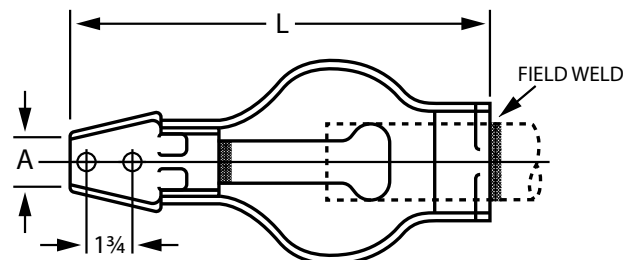


Fig. 3

This WBXPL with suffix "W" is an all welded aluminum expansion connector with factory welded laminated shunts. Shunt material is #1100-0 aluminum alloy with each lamination .020" thick for maximum flexibility. Cast parts are #356, heat treated to T6 temper. All shunts have flex angles permanently set at factory for proper expansion and contraction in the field. For maximum cooling, shunts are at 90° angles to the terminal pad. Figures #1 and #2 are for side form lugs. Figures #3 and #4 are for center form lugs. Dimension A, D, E, L, X±1 and F, are the same for either side or center form. Dimension B does not apply to center form. All terminals have holes for 1/2" mounting bolts. For proper cutting length of tube bus, measure "F" dimension from end of switch pad and cut bus.

(continued)



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(continued)

S.P.S. TUBING	RATED SWITH AMP CAPACITY	CATALOG NUMBER	FIGURE NUMBER	DIMENSIONS IN INCHES						
				A	B	D	E	L	X ±1"	F
1	600	WBXPL-131-AL-W	1	1 1/2	13/16	3	7/16	12 7/16	5	4 3/16
1 1/4	600	WBXPL-140-AL-W	1	1 1/2	1	3	1/2	13 7/16	6	4 9/16
1 1/2	600	WBXPL-150-AL-W	1	1 1/2	1 1/8	3	1/2	13 7/16	6	4 9/16
1 1/2	1200	WBXPL-151-AL-W	2	3	1 1/8	3	1/2	13 7/16	6	4 9/16
2	600	WBXPL-160-AL-W	1	1 1/2	1 5/16	3	9/16	14 7/16	7	6
2	1200	WBXPL-161-AL-W	2	3	1 5/16	3	9/16	14 7/16	7	6
2 1/2	600	WBXPL-169-AL-W	1	1 1/2	1 9/16	3	9/16	14 7/16	7	6
2 1/2	1200	WBXPL-170-AL-W	2	3	1 9/16	3	9/16	14 7/16	7	6
3	600	WBXPL-179-AL-W	1	1 1/2	1 7/8	3	5/8	15 9/16	8	6 1/2
3	1200	WBXPL-180-AL-W	2	3	1 7/8	3	5/8	15 9/16	8	6 1/2
3	2000	WBXPL-181-AL-W	2	4	1 7/8	4	11/16	16 9/16	8	6 1/2
3 1/2	600	WBXPL-188-AL-W	1	1 1/2	2 1/8	3	11/16	15 11/16	8	6 1/2
3 1/2	1200	WBXPL-189-AL-W	2	3	2 1/8	3	11/16	15 11/16	8	6 1/2
3 1/2	2000	WBXPL-190-AL-W	2	4	2 1/8	4	11/16	16 11/16	8	6 1/2
4	600	WBXPL-191-AL-W	1	1 1/2	2 3/8	3	11/16	15 7/8	8	6 1/2
4	1200	WBXPL-199-AL-W	2	3	2 3/8	3	11/16	15 7/8	8	6 1/2
4	2000	WBXPL-200-AL-W	2	4	2 3/8	4	11/16	16 7/8	8	6 1/2
5	1200	WBXPL-209-AL-W	2	3	2 29/32	3	3/4	17 1/8	9	7
5	2000	WBXPL-210-AL-W	2	4	2 29/32	4	3/4	18 1/8	9	7
6	1200	WBXPL-219-AL-W	2	3	3 7/16	3	3/4	17 1/2	9	7
6	2000	WBXPL-220-AL-W	2	4	3 7/16	4	3/4	18 1/2	9	7

Connectors for use with center form terminal, add "CF" (WBXPL-150-AL-CF-W).

Connectors listed are for 1 are for use with S.P.S. Schedule 40 tubing. For connectors using E.H.P.S. Schedule 80, add suffix "EH" (WBXPL-150-AL-CF-W-EH, for side form) or (WBXPL-150-AL-CF-W-EH for center form).

Connectors for use with 1600 ampere add suffix "S16" (WBXPL-150-AL-CF-W-S16).

