Designation

Connectors with straight
Spills contacts for PCB soldering
Interface per D38999 III
MIL SPEC SUFFIX A / B

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Drawing No: N/A

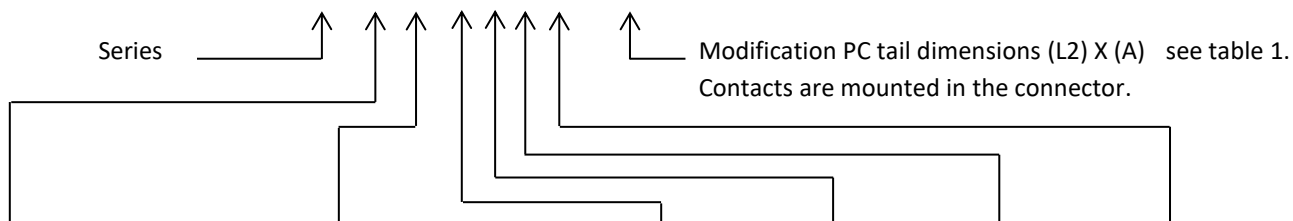Drawn by: MR

Drawing Revision: 1

Part Number Revision: N/A

Elimec Part Number: EL-320/ EL-324…PC(L2) X (A)   Customer Use Drawing

Customer Part Number: N/A

Part Number Example: **EL-3 20 W 17 6 P N-PC (5.0) X (0.5)**

Series

Modification PC tail dimensions (L2) X (A)   see table 1.
Contacts are mounted in the connector.

Shell type	Class (Material and finish)		Shell Size	Insert Arrangement	Contact Style	Polarization
20- Square Flange receptacle 24- Jam Nut receptacle	F- Aluminum shell, electroless nickel finish W- Aluminum shell, olive drab cadmium over nickel K- Stainless steel shell, passivated S- Stainless steel shell, electrodeposited nickel BZ- Aluminum nickel bronze shell- see Note Z- Aluminum shell, blk. zinc nickel		9 thru 25	Mil STD 1560	S- Socket P- Pin	N- Normal A,B,C,D or E for alternatives

All dimensions and characteristics of connectors are in accordance with MIL-DTL-38999 specifications.
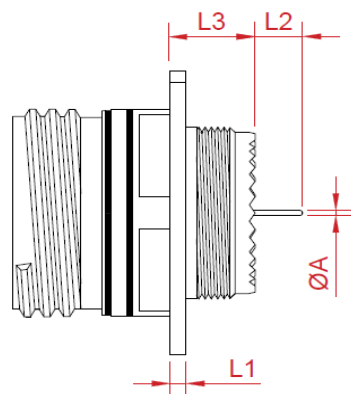
Square Flange
EL-320 (D38999/20)

Jam Nut
EL-324 (D38999/24)

Table 1 (L2) X (A)

Contact size	ØA±0.1	L2±1.0
22D	0.5 or 0.7	5.0 or 8.5
20	0.5 or 0.7	**5.0 or 8.5**
16	1.15	5.0 or 8.5
12	1.7	5.0 or 8.5
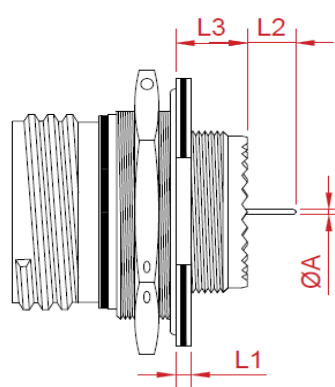
Table 2

Elimec P/N	Shell size	L3±0.4	L1±0.2
EL-320	9 to 19	10.55	2.3
	21 to 25	11.35	3
EL-324	9 to 17	9.85	2.7
	17 to 25		3.5

Notes:
1. For qpl D38999 connectors is marked with the generic military p/n: D38999/2XXXXXA/BX
  According to MIL-DTL-38999 when non-standard contacts are installed in a connector instead of the standard contacts -code A (for special male pins) and code B (for special socket contacts) should be marked on the connectors.
2. For Bronze connectors (class BZ) is marked with the generic p/n of the specific manufacturer .
   RB for Amphenol / BZ for Aero Electric / B for Deutsch (TE)
3. Other tail dimensions and shell configurations are available on request.