

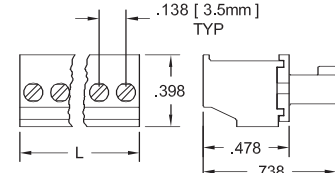
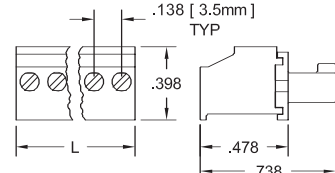
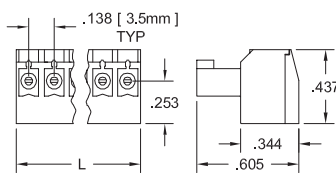
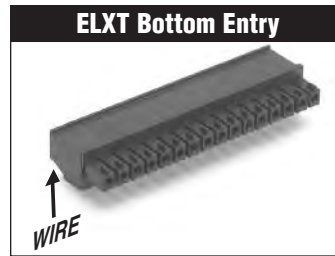
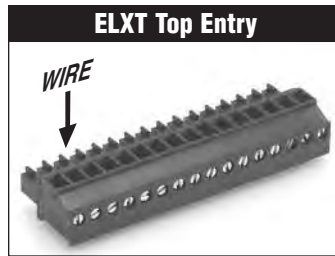
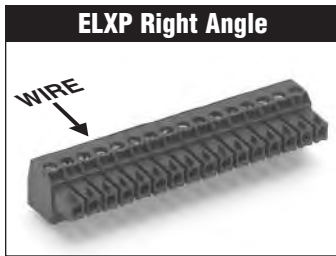


**THE DATASHEET OF  
XP1110**



# ELXP/ELXT MINI-PLUGS Right Angle/Straight

3.5mm (.138")



Pos	Catalog # Black	Catalog # Green	L (mm)	Pos	Catalog # Black	Catalog # Green	L (mm)	Pos	Catalog # Black	Catalog # Green	L (mm)
2	ELXP02100	ELXP021G0	7.0	2	ELXT02500	ELXT025G0	7.0	2	ELXT02600	ELXT026G0	7.0
3	ELXP03100	ELXP031G0	10.5	3	ELXT03500	ELXT035G0	10.5	3	ELXT03600	ELXT036G0	10.5
4	ELXP04100	ELXP041G0	14.0	4	ELXT04500	ELXT045G0	14.0	4	ELXT04600	ELXT046G0	14.0
5	ELXP05100	ELXP051G0	17.5	5	ELXT05500	ELXT055G0	17.5	5	ELXT05600	ELXT056G0	17.5
6	ELXP06100	ELXP061G0	21.0	6	ELXT06500	ELXT065G0	21.0	6	ELXT06600	ELXT066G0	21.0
7	ELXP07100	ELXP071G0	24.5	7	ELXT07500	ELXT075G0	24.5	7	ELXT07600	ELXT076G0	24.5
8	ELXP08100	ELXP081G0	28.0	8	ELXT08500	ELXT085G0	28.0	8	ELXT08600	ELXT086G0	28.0
9	ELXP09100	ELXP091G0	31.5	9	ELXT09500	ELXT095G0	31.5	9	ELXT09600	ELXT096G0	31.5
10	ELXP10100	ELXP101G0	35.0	10	ELXT10500	ELXT105G0	35.0	10	ELXT10600	ELXT106G0	35.0
11	ELXP11100	ELXP111G0	38.5	11	ELXT11500	ELXT115G0	38.5	11	ELXT11600	ELXT116G0	38.5
12	ELXP12100	ELXP121G0	42.0	12	ELXT12500	ELXT125G0	42.0	12	ELXT12600	ELXT126G0	42.0
13	ELXP13100	ELXP131G0	45.5	13	ELXT13500	ELXT135G0	45.5	13	ELXT13600	ELXT136G0	45.5
14	ELXP14100	ELXP141G0	49.0	14	ELXT14500	ELXT145G0	49.0	14	ELXT14600	ELXT146G0	49.0
15	ELXP15100	ELXP151G0	52.5	15	ELXT15500	ELXT155G0	52.5	15	ELXT15600	ELXT156G0	52.5
16	ELXP16100	ELXP161G0	56.0	16	ELXT16500	ELXT165G0	56.0	16	ELXT16600	ELXT166G0	56.0
17	ELXP17100	ELXP171G0	59.5	17	ELXT17500	ELXT175G0	59.5	17	ELXT17600	ELXT176G0	59.5
18	ELXP18100	ELXP181G0	63.0	18	ELXT18500	ELXT185G0	63.0	18	ELXT18600	ELXT186G0	63.0
19	ELXP19100	ELXP191G0	66.5	19	ELXT19500	ELXT195G0	66.5	19	ELXT19600	ELXT196G0	66.0
20	ELXP20100	ELXP201G0	70.0	20	ELXT20500	ELXT205G0	70.0	20	ELXT20600	ELXT206G0	70.0
21	ELXP21100	ELXP211G0	73.5								
22	ELXP22100	ELXP221G0	77.0								
23	ELXP23100	ELXP231G0	80.5								
24	ELXP24100	ELXP241G0	84.0								

See page 13 for gold plating and marking options

## SPECIFICATIONS:

**Current Rating:** 12A  
**Operating Voltage:** 300V  
**Insulation Resistance:** >10<sup>3</sup> Megohms  
**Dielectric Withstanding:** <1600V  
**Wire Pullout Force:**  
 Per UL 486E, Section 14

## MATERIALS:

**Housing:** Polyamide, UL 94V-0, black or green  
**Contact:** Copper alloy, optional finish  
**Clamp Screw:** Copper alloy, nickel finish  
**Wire Clamp:** Copper alloy, nickel finish

## WIRE INSTALLATION:

**Wire Range:** #16-28 AWG  
**Wire Strip Length:** 0.25"  
**Recommended Tightening Torque:**  
 2.2 lb-in. (0.25N-m)

## APPROVALS:

Consult factory for specific product recognitions

## POLARIZING KEYS FOR ELV AND ELX

ELV and ELX family headers are designed to accept tabs which lock into keyways in the body moldings, and can be configured to ensure correct mating of physically similar but electrically unique plugs and headers—and to prevent incorrect mating of the wrong connectors.

Keying is accomplished without loss of a contact position.

In order to key a mated plug and header pair, the header is configured with the appropriate keys, and the plug is modified by trimming off the protruding tabs on the corresponding contact positions. The bright yellow tabs provide a visual and physical confirmation of correct mating.

For handling convenience, keys are supplied in rings of eight. Order Part No. 300800000.

## MARKING LABELS

Stick-on marking labels, printed on vinyl cloth, are available in two versions:

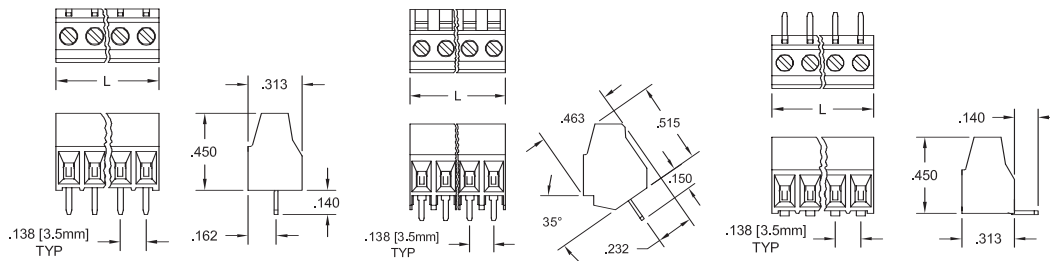
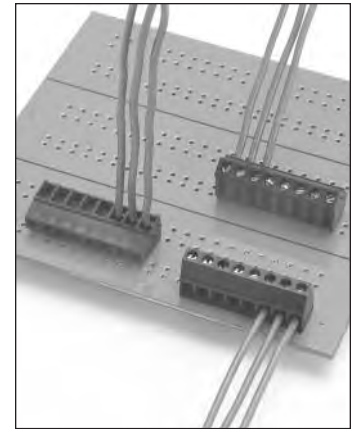
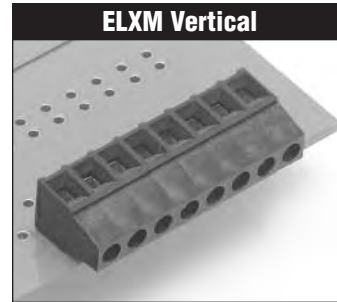
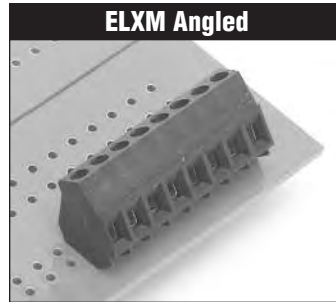
ELVLABEL1: Nos. 1-10  
 ELVLABEL2: Nos. 11-20

Labels are supplied in sheets containing 25 peel-off strips.

**Amphenol Pcd**

# ELXM Fixed Terminal Blocks SMT Compatible

3.5mm (.138")



ELXM 3.5mm spacing wire-to-board terminal blocks are available in vertical, horizontal and angled wire entry variations.

## SMT Compatibility

The ELXM is suitable for SMT reflow solder PCB manufacturing processes as well as wave solder, providing users with additional flexibility and maximizing production efficiencies by eliminating secondary solder operations. Terminal blocks are molded of ultra-high-temperature, glass-filled polyamide that will withstand temperatures of 260°C during PCB production.

Moving cage clamp wire termination assures repeated, high-reliability connections. The housing is molded to size. Blocks are available in sizes 2 to 10, and can be stacked side-to-side on a board without loss of a contact position.

Pos	Catalog # Black	Catalog # Green	L (In.)	Pos	Catalog # Black	Catalog # Green	L (In.)	Pos	Catalog # Black	Catalog # Green	L (In.)
2	ELXM02100	ELXM021G0	7.0	2	ELXM02300	ELXM023G0	7.0	2	ELXM02900	ELXM029G0	7.0
3	ELXM03100	ELXM031G0	10.5	3	ELXM03300	ELXM033G0	10.5	3	ELXM03900	ELXM039G0	10.5
4	ELXM04100	ELXM041G0	14.0	4	ELXM04300	ELXM043G0	14.0	4	ELXM04900	ELXM049G0	14.0
5	ELXM05100	ELXM051G0	17.5	5	ELXM05300	ELXM053G0	17.5	5	ELXM05900	ELXM059G0	17.5
6	ELXM06100	ELXM061G0	21.0	6	ELXM06300	ELXM063G0	21.0	6	ELXM06900	ELXM069G0	21.0
7	ELXM07100	ELXM071G0	24.5	7	ELXM07300	ELXM073G0	24.5	7	ELXM07900	ELXM079G0	24.5
8	ELXM08100	ELXM081G0	28.0	8	ELXM08300	ELXM083G0	28.0	8	ELXM08900	ELXM089G0	28.0
9	ELXM09100	ELXM091G0	31.5	9	ELXM09300	ELXM093G0	31.5	9	ELXM09900	ELXM099G0	31.5
10	ELXM10100	ELXM101G0	35.0	10	ELXM10300	ELXM103G0	35.0	10	ELXM10900	ELXM109G0	35.0

## INSTALLATION:

**Wire Range:** 16-28 AWG  
**Wire Strip Length:** .250"  
**Recommended Tightening Torque:**  
 2.2 lb-in. (0.25N-m)  
**Hole Diameter:** .047 min.

## MATERIALS:

**Housing:** Polyamide 4/6, UL 94V-0, black or green  
**Contact:** Brass, optional finish  
**Clamp Screw:** Copper alloy, nickel finish  
**Wire Clamp:** Copper alloy, nickel finish

## SPECIFICATIONS:

**Current Rating:** 12A  
**Operating Voltage:** 300V  
**Insulation Resistance:** >10<sup>5</sup> Megohms  
**Dielectric Withstanding:** <3000V  
**Wire Pullout Force:**  
 Per UL 486E, Section 14


## APPROVALS:

Consult factory for specific product recognitions

**Amphenol Pcd**

## Looking for pricing, stock, or lifecycle information?

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