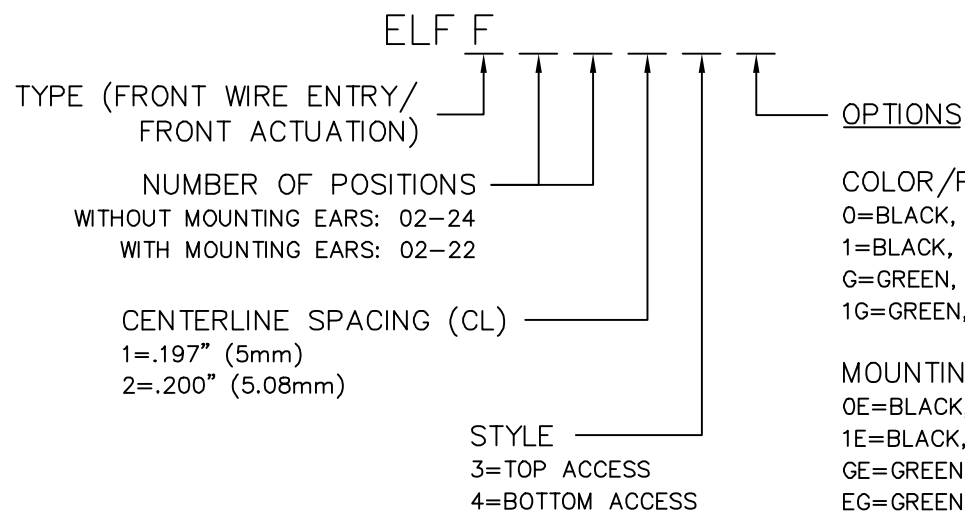


ELFF SERIES PART NUMBERING SCHEME

REV	ECN	APPD
—	3600	JC 12/11/98
A	4686	IQ 1/2/02
B	4792	



COLOR/PLATING
0=BLACK, TIN-LEAD (STANDARD)
1=BLACK, SELECTIVE GOLD
G=GREEN, TIN-LEAD
1G=GREEN, SEL. GOLD

MOUNTING EARS
0E=BLACK, TIN-LEAD
1E=BLACK, SEL. GOLD
GE=GREEN, TIN-LEAD
EG=GREEN, SEL. GOLD

CONSULT PCD FOR PART NO. AND
AVAILABILITY OF FOLLOWING OPTIONS:
* CUSTOM COLORS
* CUSTOM MARKING
* CUSTOM KEYING
* SELECTIVE CONTACT LOADING

UL
RATINGS
CURRENT — 15A
VOLTAGE — 300V
U.L. FILE NO. E83421

SP
RATINGS
CURRENT — 15A
VOLTAGE — 300V
CSA FILE NO. LR69703

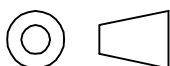

DIN VDE 0627:1986
DIN VDE 0110-1:1989
EN 60947-1:1991
EN 60947-7-1:1992

CURRENT — 15A
VOLTAGE — 300V
TUV FILE NO. 20396

INSTALLATION
RECOMMENDATIONS:
WIRE RANGE: AWG #14-26, STRANDED OR SOLID;
AWG #12 STRANDED
WIRE STRIP LENGTH: AWG #14-26: .310" (7,87mm)
AWG #12: .490" (12,45mm)
TIGHTENING TORQUE: 7 LB-IN.

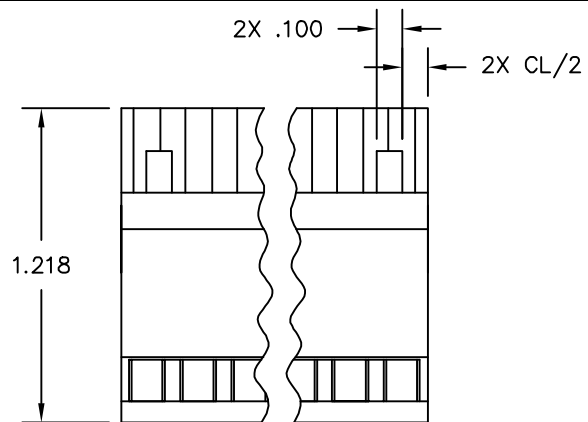
MATERIALS:
HOUSING: PPO, UL 94 V-0
CONTACT: COPPER ALLOY, OPTIONAL FINISH
SCREW: STEEL, NICKEL FINISH
WIRE CLAMP: COPPER ALLOY, NICKEL FINISH

MAX OPERATING TEMPERATURE:
105°C

DIMENSIONS ANSI Y14.5M UNITS: INCHES ACAD FILE	TOLERANCES .XX ±.01 .XXX ±.005 ANGLES ±2°	PROJECTION 	SPECIFICATION DRAWING				TITLE ELFF SERIES PLUGGABLE TERMINAL BLOCK FRONT / FRONT			
			ENGR A. PATRIE 12/4/98							
ORIGINAL STAMPED IN RED	THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION WHICH IS THE CONFIDENTIAL PROPERTY OF PCD, INC. PEABODY, MA, USA		CHKD		SIZE A	DWG NO. ELFF02130			REV B	
			APPD J. CAHALY 12/11/98							
					CODE: 58982		SCALE: NONE	SHEET 1 OF 2		

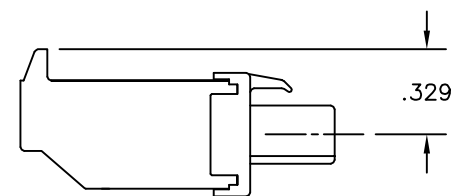
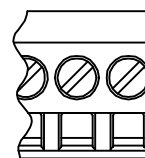
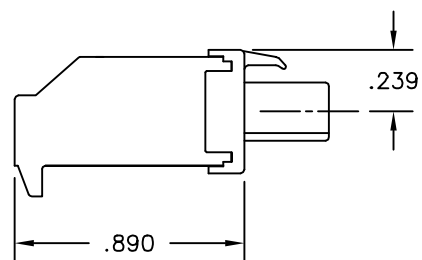
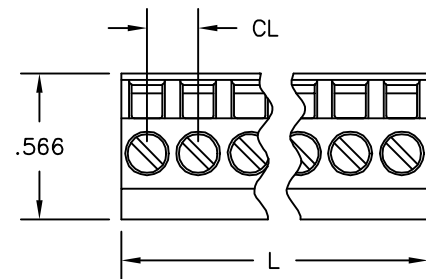
WITHOUT MOUNTING EARS

L=NUM OF POS X CL SPACING



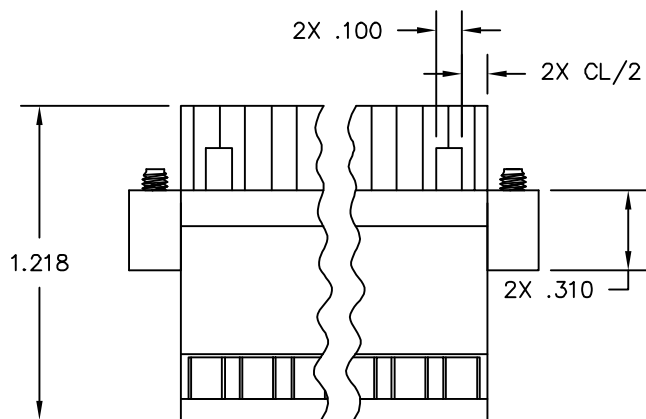
TOP ACCESS

BOTTOM ACCESS



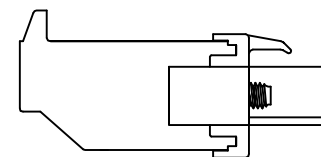
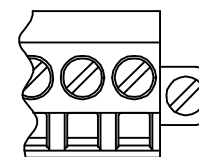
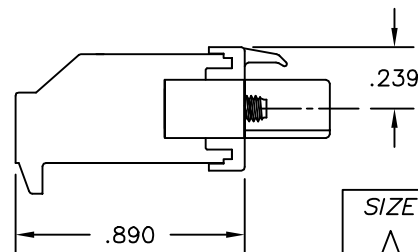
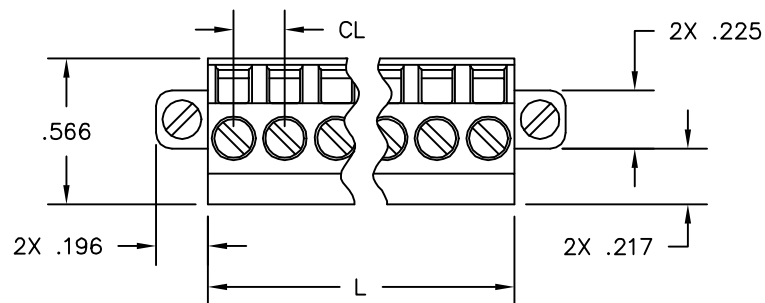
WITH MOUNTING EARS

L=NUM OF POS X CL SPACING

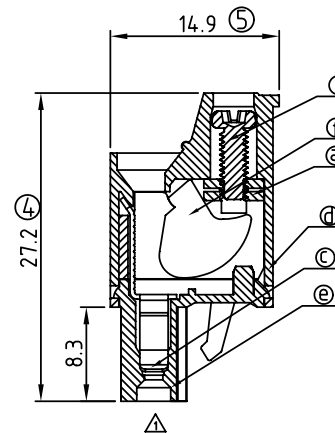
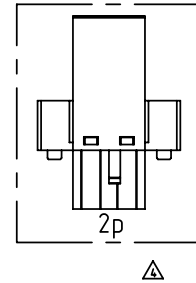
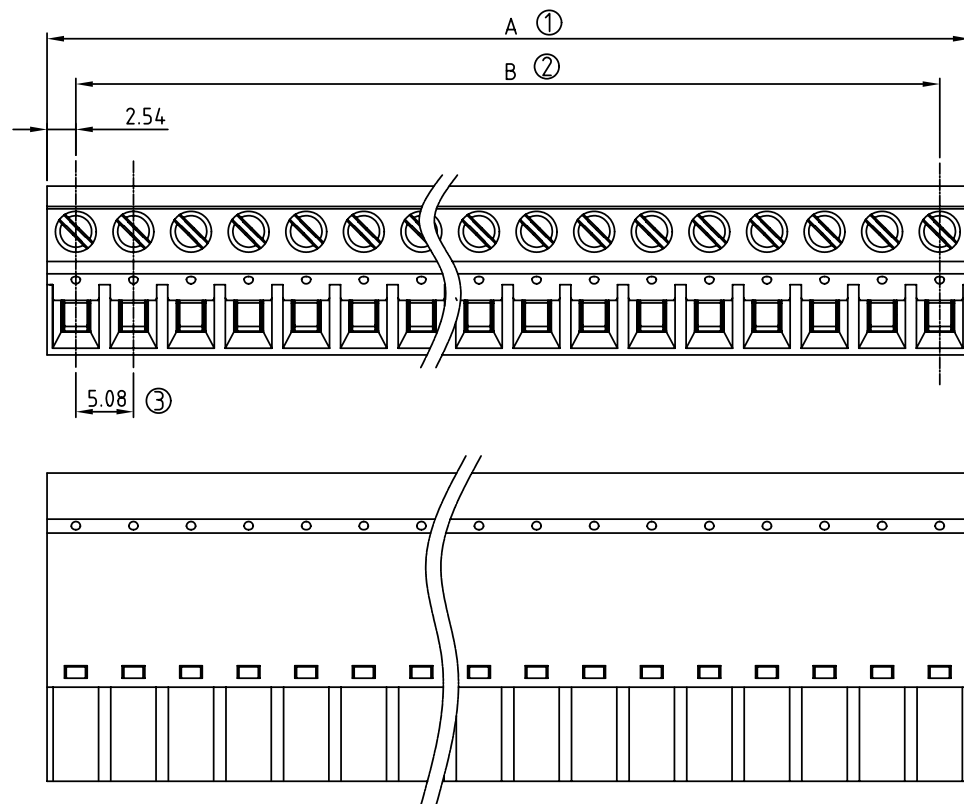


TOP ACCESS

BOTTOM ACCESS



SIZE	DWG NO.	REV
A	ELFF02130	B
CODE: 58982	SCALE: NONE	SHEET 2 OF 2




			APPROVER
△	11/08'05	Wire guard structure Modified	Tony
△	02/07'06	Part No. changed	Tony
△	2010.03.23	Add the 2p mark	Jacke

Material

- Item a Clamp: Steel zinc plated.
- Item b Terminal screw: Steel Zinc plating “-” slot type
- Item c Female contact: PbZn Tin plated
- Item d Terminal (Up body): Thermoplastic (UL94V-0)
- Item e Terminal (Down body): Thermoplastic (UL94V-0)
- Item f Clampage: Steel Zinc plated

Electrical cULus

- Voltage rating: 300VAC
- Current rating: 20A
- Wire range: 0.34-2.5mm²
- Solid wire(AWG): 12-22
- Stranded wire(AWG): 12-22
- Torque: 3.5Lb-In
- Screw: M2.5
- Wire strip length: 6-7mm
- Withstanding Voltage: 1.6KV
- Operating temperature: -40°C to +115°C
- Safety approval: us

△ ● Part No.:

VM xx 5 5 x 1 xxxx G

POLES —
02 pole
... ..
24 pole

— G: Pb<40000ppm

Color

- 0 Black (RAL9005)
2 Red (RAL3001/D)
3 Orange(RAL2011/P)
4 Yellow(RAL1018/A)
5 Green(RAL6018/T)
6 Blue (RAL5015/A)
8 Grey(RAL7035/D)

— 0000: Standard
(Steel screw plating Cr^{3+})


000A: "ANYTEK" Mark
Any special item by
customer request.
please contact sales
department.

POLE		2	3	4	5	6	7	8	9	10	11	12
A		10.16	15.24	20.32	25.40	30.48	35.56	40.64	45.72	50.80	55.88	60.96
B		5.08	10.16	15.24	20.32	25.40	30.48	35.56	40.64	45.72	50.80	55.88
Tol.		±0.20					±0.25					
POLE	13	14	15	16	17	18	19	20	21	22	23	24
A	66.04	71.12	76.20	81.28	86.36	91.44	96.52	101.60	106.68	111.76	116.84	121.92
B	60.96	66.04	71.12	76.20	81.28	86.36	91.44	96.52	101.60	106.68	111.76	116.84
Tol.		±0.30					±0.40					

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TITLE	VM 5.08mm Low Profile Type W/O Flange Series						
PART NO.	VMxx55x1xxxxG			DWG NO.	8VM0302		
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.			Tolerance
		Jacke 2010.03.23	Jacke 2010.03.23		UNIT: mm		X. ±0.50
					SCALE: NONE		X.X ±0.30
					REV: C		X.XX ±0.10
				SHEET: 01/01			X° ±1°

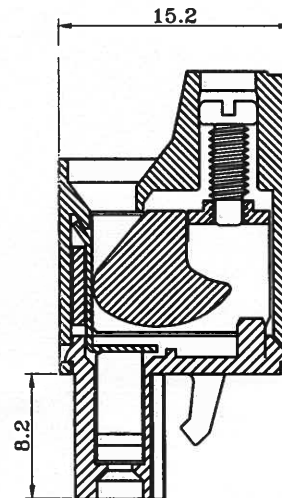
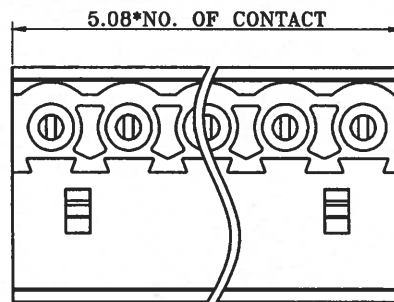
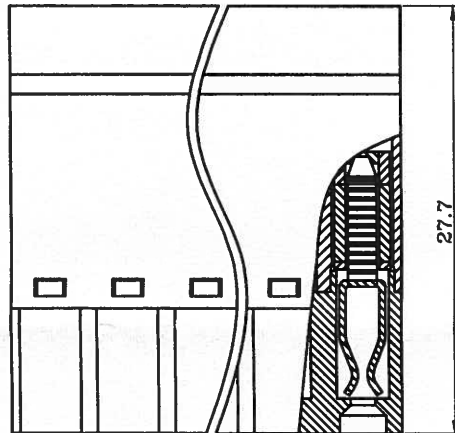
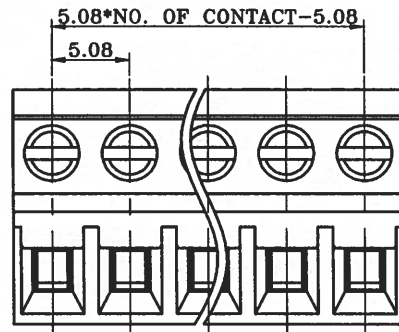
A

B

C

D

E



1. MATERIAL:

1.1 INSULATOR: PA66, UL94V-0;

INSULATOR COLOR: BLACK.

1.2 WIRE GUARD: COPPER ALLOY, TIN PLATED OVERALL

1.3 CLAMPING CAGE: ZINC ALLOY, NICKEL PLATED OVERALL

1.4 M2.5 SCREW: STEEL, Cr³⁺ PLATED OVERALL.

2. ELECTRICAL CHARACTERISTICS:

2.1 CURRENT RATING: 10.0 A.

2.2 CONTACT RESISTANCE: 20mΩ MAX.

2.3 INSULATION RESISTANCE: 500MΩ MIN DC500V.

2.4 DIELECTRIC WITHSTANDING VOLTAGE: 1500 VAC PER MINU

2.5 OPERATING TEMPERATURE: -40°C ~ +105°C.

3. NOTE:

3.1 THIS COMPONENT AND ITS HOMOGENEOUS
SUBCOMPONENTS ARE RoHS COMPLIANT.

4. ORDER INFORMATION:

AP512SOB2T-1 XX A

NO. OF CONTACTS:

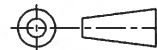
02: 2PINS

04: 4PINS

24: 24PINS

REV.	DESCRIPTION	ECN	DRAWN	DATE
A	NEW RELEASE		Lidar	Feb.08.2010
EV.	DESCRIPTION	ECN	DRAWN	DATE
REVISIONS				

TOLERANCES:
DIM. X.X ±0.3
X.XX ±0.25
UNIT: mm
GENERAL ANGLE:
±3°



TITLE:

PLUGGABLE TERMINAL BLOCK FRONT PITCH 5.08mm TYPE

DRAWN:

Lidar

DWG. NO.:

AP512SOB2T-1XXA

CHECKED:

Brant

PART NO.:

AP512SOB2T-1XXA

APPROVAL:

Mark

SCALE:

none

SHEET:

1 OF 1

LAYER:

CN

DWG. SIZE:

A4

RFQ NO.:

Q1002017

