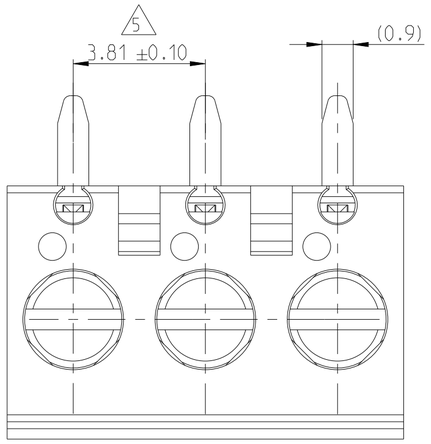
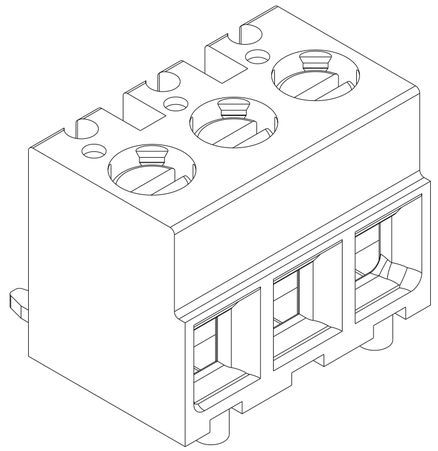
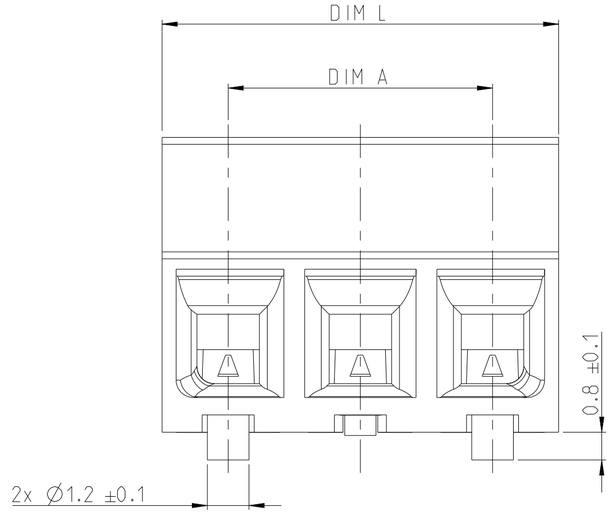
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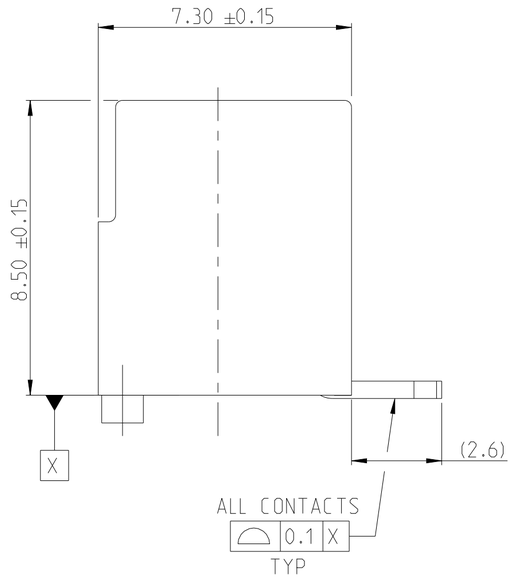
REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	1	PRELIMINARY	30DEC2020	DV	PS
	A	PRODUCTION RELEASE	28APR2021	SS	PS
	A1	NOTE 7 ADDED. NOTE 2 MODIFIED	23SEP2021	SS	PS

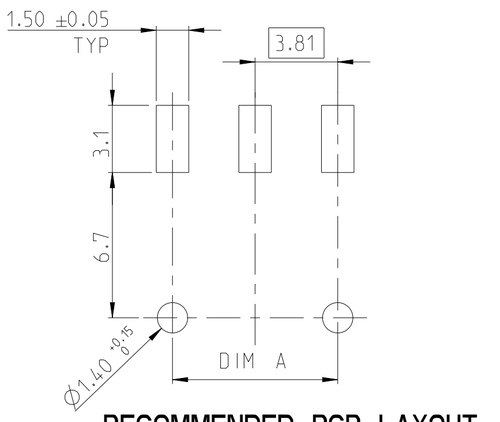




2383945-3 AS SHOWN







RECOMMENDED PCB LAYOUT

NOTES

1. MATERIALS & FINISH
   - HOUSING : HIGH TEMPERATURE PA, UL94 V0, COLOR -BALCK
   - SCREW M2 : COPPER ALLOY, NICKEL PLATED
   - CLAMP : COPPER ALLOY, NICKEL PLATED
   - CONTACT : COPPER ALLOY, NICKEL & TIN PLATED

2. MECHANICAL
   - WIRE STRIPPING LENGTH : 5-6 mm
   - RECOMMENDED/HIGHEST TIGHTENING TORQUE : 0.2/0.25 Nm.

3. ELECTRICAL
   - WIRE RANGE : 16 - 28 AWG
   - MAX. VOLTAGE : 300 V
   - MAX CURRENT : 12 A
   - CONTACT RESISTANCE : <15 m Ohm
   - INSULATION RESISTANCE : >1000 M Ohm (500V DC)

4. OPERATING TEMPERATURE RANGE: -40 °C TO +105 °C

5. NOT CUMULATIVE TOLERANCE.

6. SCREW CLAMP WILL BE IN CLOSED CONDITION.

7. PACKAGING SPEC: 107-160084

DIM A		DIM L		POSITION	TE PN
41.91	±0.20	45.72	±0.20	12	1-2383945-2
38.10		41.91		11	1-2383945-1
34.29		38.10		10	1-2383945-0
30.48		34.29		9	2383945-9
26.67		30.48		8	2383945-8
22.86		26.67		7	2383945-7
19.05		22.86		6	2383945-6
15.24	±0.15	19.05		5	2383945-5
11.43		15.24	±0.15	4	2383945-4
7.62		11.43		3	2383945-3
3.81	±0.10	7.62		2	2383945-2

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: mm

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ±
1 PLC ±0.3
2 PLC ±0.25
3 PLC ±
4 PLC ±
ANGLES ±

MATERIAL 1

FINISH 1

DWN 29-DEC-20 DATTESH VERNEKAR
CHK 30-DEC-20 SUBHASREE SAHOO
APVD 30-DEC-20 PRASHANTH S
PRODUCT SPEC 108-160231
APPLICATION SPEC -
WEIGHT -

TE Connectivity

NAME TERMINAL BLOCK, SMD MOUNT 180 DEGREE, 3.81 mm PITCH 12A

SIZE A2 | CAGE CODE 00779 | DRAWING NO C-2383945 | RESTRICTED TO

CUSTOMER DRAWING | SCALE 5:1 | SHEET 1 OF 1 | REV A1

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