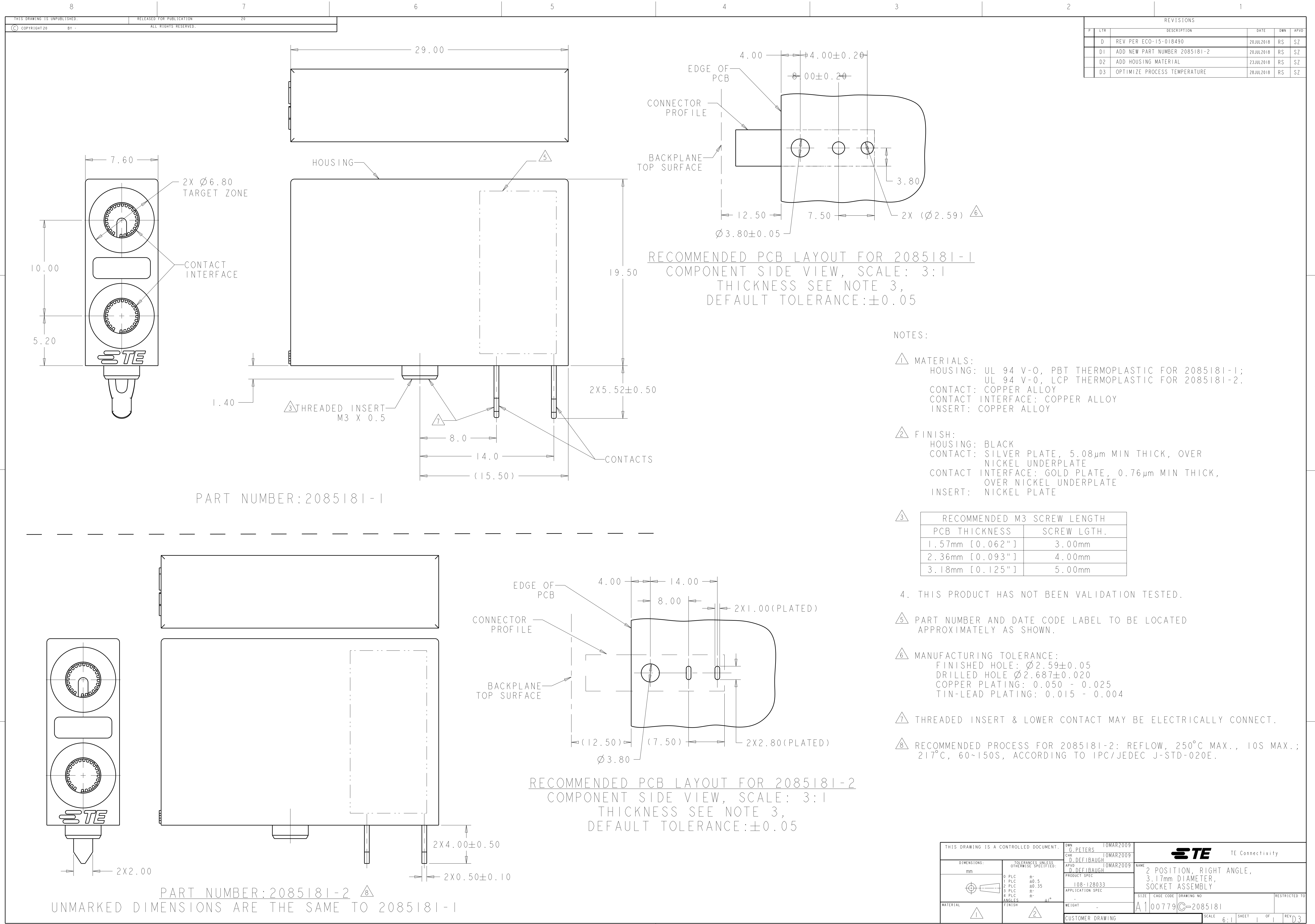




REVISIONS				
P	LTR	DESCRIPTION	DATE	DWN
D		REV PER ECO-15-018490	20JUL2018	RS
D1		ADD NEW PART NUMBER 2085181-2	20JUL2018	RS
D2		ADD HOUSING MATERIAL	23JUL2018	RS
D3		OPTIMIZE PROCESS TEMPERATURE	28JUL2018	RS

NOTES:

1 MATERIALS:
HOUSING: UL 94 V-0, PBT THERMOPLASTIC FOR 2085181-1;
UL 94 V-0, LCP THERMOPLASTIC FOR 2085181-2.
CONTACT: COPPER ALLOY
CONTACT INTERFACE: COPPER ALLOY
INSERT: COPPER ALLOY

2 FINISH:
HOUSING: BLACK
CONTACT: SILVER PLATE, 5.08µm MIN THICK, OVER
NICKEL UNDERPLATE
CONTACT INTERFACE: GOLD PLATE, 0.76µm MIN THICK,
OVER NICKEL UNDERPLATE
INSERT: NICKEL PLATE

RECOMMENDED M3 SCREW LENGTH	
PCB THICKNESS	SCREW LGTH.
1.57mm [0.062"]	3.00mm
2.36mm [0.093"]	4.00mm
3.18mm [0.125"]	5.00mm

4. THIS PRODUCT HAS NOT BEEN VALIDATION TESTED.

5 PART NUMBER AND DATE CODE LABEL TO BE LOCATED APPROXIMATELY AS SHOWN.

6 MANUFACTURING TOLERANCE:
FINISHED HOLE: $\varnothing 2.59 \pm 0.05$
DRILLED HOLE $\varnothing 2.687 \pm 0.020$
COPPER PLATING: 0.050 - 0.025
TIN-LEAD PLATING: 0.015 - 0.004

7 THREADED INSERT & LOWER CONTACT MAY BE ELECTRICALLY CONNECT.

8 RECOMMENDED PROCESS FOR 2085181-2: REFLOW, 250°C MAX., 10S MAX.; 217°C, 60~150S, ACCORDING TO IPC/JEDEC J-STD-020E.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN G. PETERS 10MAR2009	TE Connectivity	
DIMENSIONS: mm		CHK D. DEFI BAUGH 10MAR2009		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD D. DEFI BAUGH 10MAR2009	NAME 2 POSITION, RIGHT ANGLE, 3.17mm DIAMETER, SOCKET ASSEMBLY	
0 PLC 1 PLC 2 PLC 3 PLC 4 PLC		± ±0.5 ±0.35 ± ±	PRODUCT SPEC 108-128033	
ANGLES FINISH		±1°	APPLICATION SPEC	
MATERIAL		WEIGHT	SIZE A100779	
CUSTOMER DRAWING		SCALE 6:1	SHEET 1 OF 1	
		REV D3		