




REVISIONS				
P	LTR	DESCRIPTION	DATE	OWN
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
- 3
- | 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
	1 P/LC ± .		PRODUCT SPEC		
	1 P/LC ± .5		108-128033		
	2 P/LC ±0.35		APPLICATION SPEC		
	3 P/LC ± .		WEIGHT -		SIZE A100779
	4 P/LC ± .		FINISH		
MATERIAL		1		RESTRICTED TO	
2		CUSTOMER DRAWING		SCALE 6:1 SHEET 1 OF 1 REV D3	