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REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
		SEE SHEET 1			

8.

LEAD ORGANIZER TO REMAIN ON PART DURING PCB MOUNTING AND SEATS WITHIN CONNECTOR BODY AFTER MOUNTING.

7. MARKING CONTAINS AT MINIMUM: DEUTSCH PART NUMBER, DEUTSCH NAME OR SYMBOL, CAGE CODE AND DATE CODE. MARKING MAY NOT APPEAR EXACTLY AS ILLUSTRATED.

6. CONSULT FACTORY FOR AVAILABILITY.

5. PROGRAMMABLE KEYS (5 EA) SHIPPED LOOSE.

4. FOR ARRANGEMENT PATTERN, SEE MIL-DTL-83513/3.

3. PERFORMANCE DATA:

OPERATING TEMPERATURE: -55°C TO +125°C

WIRE SIZE: 25 AWG SOLID WIRE

BLIND MATEABLE WITH SMD25Rxxx

CONTACT ENGAGEMENT AND SEPARATION FORCES: IN ACCORDANCE WITH MIL-DTL-83513

CONTACT RESISTANCE: 7 MILLIOHMS MAXIMUM INITIAL (CRIMP-TO-CRIMP)

CANTACT RETENTION: 3 POUNDS MINIMUM

CRIMP TENSILE STRENGTH: IN ACCORDANCE WITH MIL-DTL-83513

CURRENT RATING: 2.5 AMPS (CONTINUOUS) WHEN TESTED IN ACCORDANCE WITH MIL-DTL-83513

DURABILITY: IN ACCORDANCE WITH MIL-DTL-83513

DWV AT SEA LEVEL: 500 VAC

EMI SHIELDING EFFECTIVENESS WHEN TESTED IN ACCORDANCE WITH MIL STD-13444 METHOD 3008:

50 DB ATTENUATION AT 1GHZ

35 DB ATTENUATION AT 2GHZ

30 DB ATTENUATION AT 4GHZ

25 DB ATTENUATION AT 6GHZ

ENDURANCE AT TEMPERATURE: WHEN TESTED IN ACCORDANCE WITH EN2591-301 METHOD B DURATION 1000 HOURS

FLUID RESISTANCE: IN ACCORDANCE WITH EN2591-315 WHEN TESTED WITH PHASE I AMBIENT TEMPERATURE AND THIRD PHASE PER EN3909 TABLE I

HUMIDITY: IN ACCORDANCE WITH MIL-DTL-83513

INSERT RETENTION: IN ACCORDANCE WITH MIL-DTL-83513

INSULATION RESISTANCE: IN ACCORDANCE WITH MIL-DTL-83513

LOW SIGNAL LEVEL CONTACT RESISTANCE: IN ACCORDANCE WITH MIL-DTL-83513

MAGNETIC PERMEABILITY: IN ACCORDANCE WITH MIL-DTL-83513

MARKING PERFORMANCE: IN ACCORDANCE WITH MIL-DTL-83513

SALT MIST: 48 HOURS FOR EXPOSED CONTACTS, 500 HOURS FOR REMAINING ITEMS, WHEN TESTED IN ACCORDANCE WITH EN2591-307

SHOCK: 30G (HALF-SINE) WHEN TESTED IN ACCORDANCE WITH EIA-364-27 TEST CONDITION H

VIBRATION: 10G (10 HZ TO 500 HZ) WHEN TESTED IN ACCORDANCE WITH EIA-364-28 TEST CONDITION II DURATION PER CONDITION IV

NOTES CONTINUED FROM SHEET ONE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:  
inches

0 PLC ±

1 PLC ±1

2 PLC ±01

3 PLC ±005

4 PLC ±0005 ±5°

ANGLES

FINISH

SEE PAGE 1

SEE PAGE 1

DWN  
A. RASMUSSEN 110505

CHK  
M. ALLEN 110621

APVD  
A. RENGIFO 120904

PRODUCT SPEC  
-

APPLICATION SPEC  
-

WEIGHT  
-

CUSTOMER DRAWING

TE

TE Connectivity

NAME

CONNECTOR, PLUG  
IN-LINE, P.C MOUNTING  
SMD SERIES, SIZE 25

SIZE

A2

CAGE CODE

111139

DRAWING NO

©SMD25PxPC

RESTRICTED TO

-

SCALE

5:1

SHEET

2

OF

2

REV

B

1471-9 (3/13)

# Mouser Electronics

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