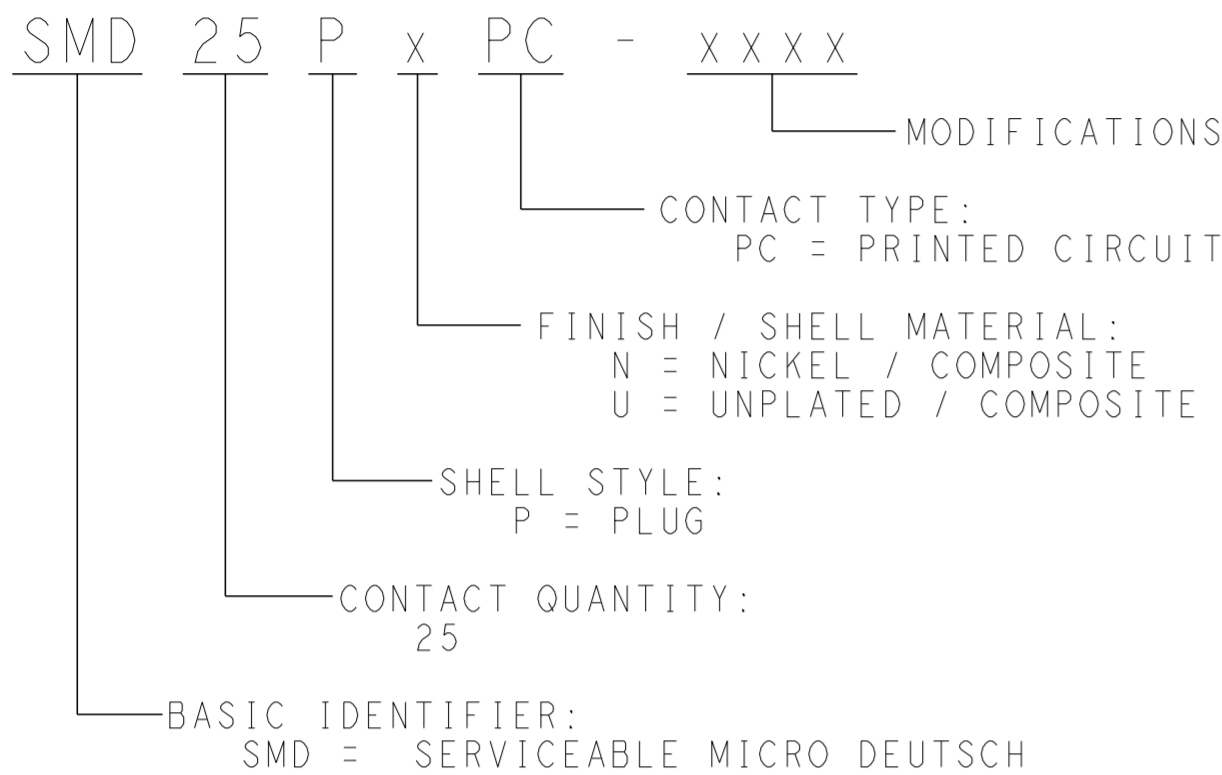


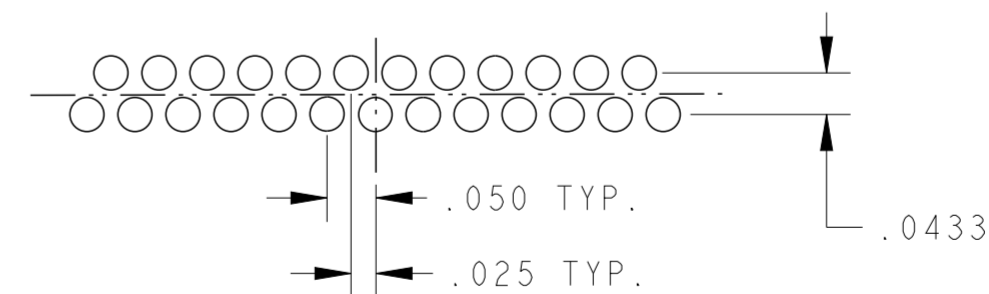
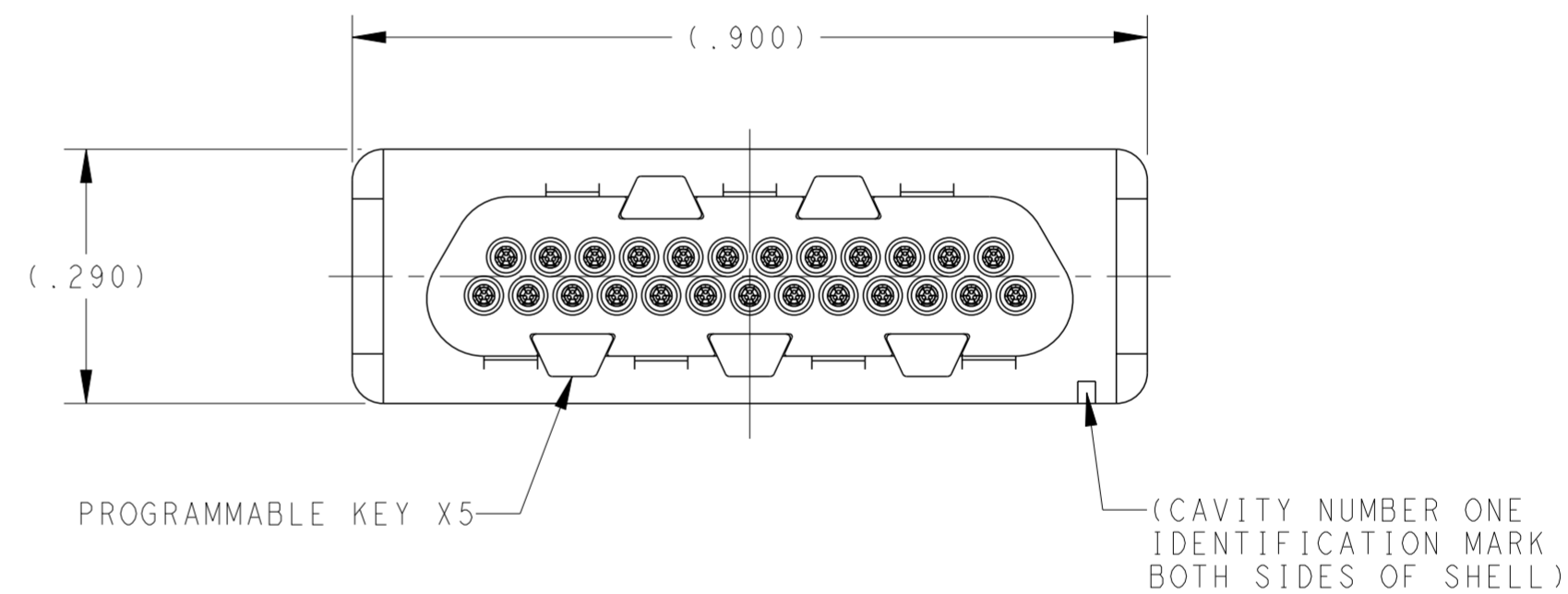
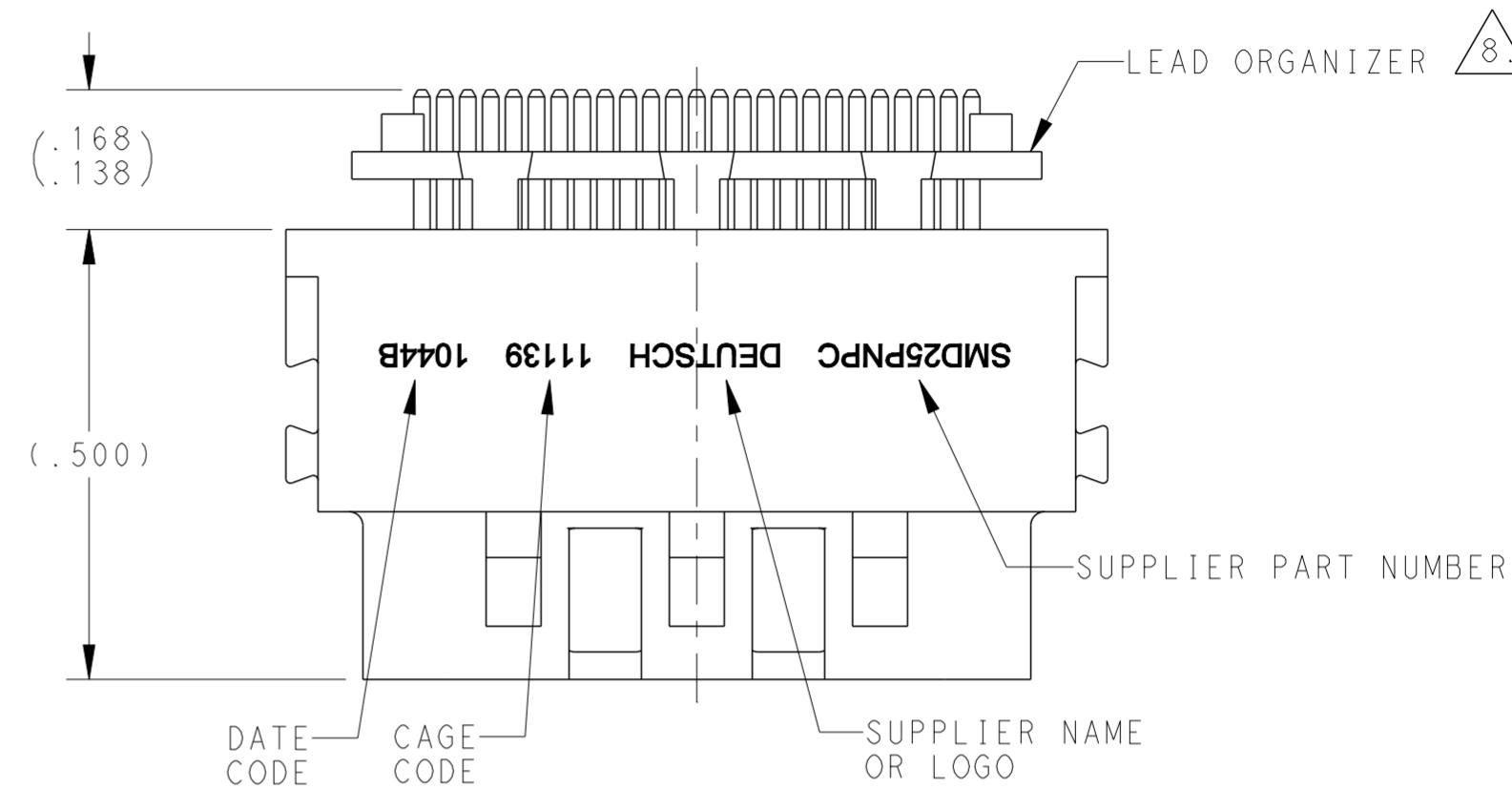
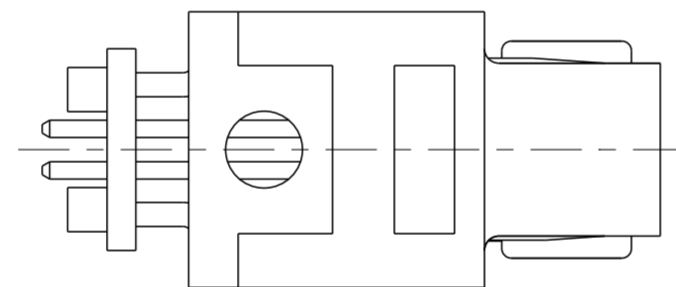
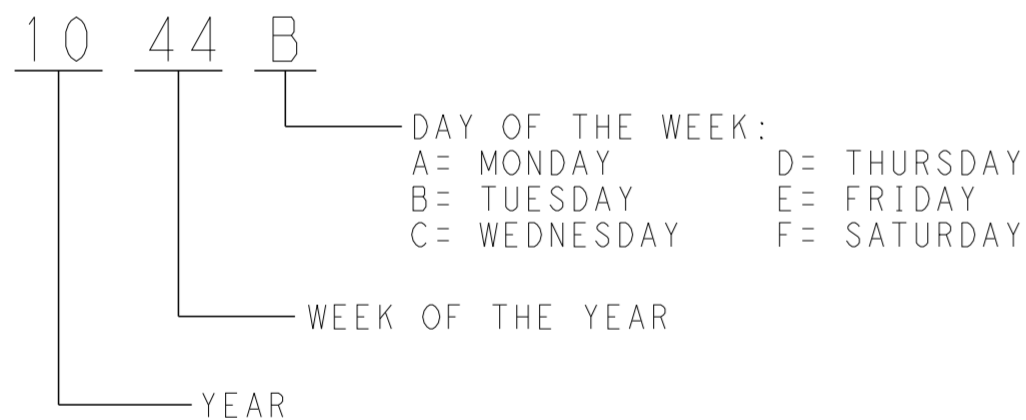
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REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
A		REVISED PER E.O D0196	120831	JH
B		REVISED PER ECO-16-012131	160721	BN AR

PART NUMBER BREAKDOWN



DATE CODE FORMAT



RECOMMENDED CIRCUIT BOARD CUT-OUT

NOTES CONTINUED ON SHEET TWO

- MATERIAL / FINISH:
 SHELL: RIGID COMPOSITE / SEE PART NUMBER BREAKDOWN
 INSERT: RIGID: COMPOSITE / NATURAL
 CONTACTS: COPPER ALLOY / GOLD
 KEYS: RIGID COMPOSITE / NATURAL

1. DIMENSIONS ARE IN INCHES

NOTES: UNLESS OTHERWISE SPECIFIED

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 21 JUL 2016 A RASMUSSEN	STE TE Connectivity	
DIMENSIONS: inches		CHK W ALLEN 110621		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD A RENGIFO 120904	NAME CONNECTOR, PLUG	
0 PLC ±.1		PRODUCT SPEC	IN-LINE, P.C. MOUNTING	
1 PLC ±.01		APPLICATION SPEC	SMD SERIES, SIZE 25	
2 PLC ±.005		WEIGHT	SIZE A2	CAGE CODE 111139
3 PLC ±.0005		CUSTOMER DRAWING	DRAWING NO	RESTRICTED TO
4 PLC ±.0005 ±.5°		SCALE 5:1	SHEET 1 OF 2	REV B
MATERIAL SEE NOTE 2				

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REVISIONS				
P	LTR	DESCRIPTION	DATE	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.		DWN A. RASMUSSEN	110505	TE Connectivity	
DIMENSIONS: inches		CHK M. ALLEN	110621		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD A. RENGIFO	120904	NAME CONNECTOR, PLUG IN-LINE, P.C MOUNTING SMD SERIES, SIZE 25	
0 PLC ±		PRODUCT SPEC		SIZE	
1 PLC ±1		APPLICATION SPEC		CAGE CODE	
2 PLC ±01		WEIGHT		DRAWING NO	
3 PLC ±005		CUSTOMER DRAWING		RESTRICTED TO	
4 PLC ±0005		SCALE 5:1		SHEET 2 OF 2	
ANGLES ±5°		REV B			
FINISH					
MATERIAL					
SEE PAGE 1					
SEE PAGE 1					