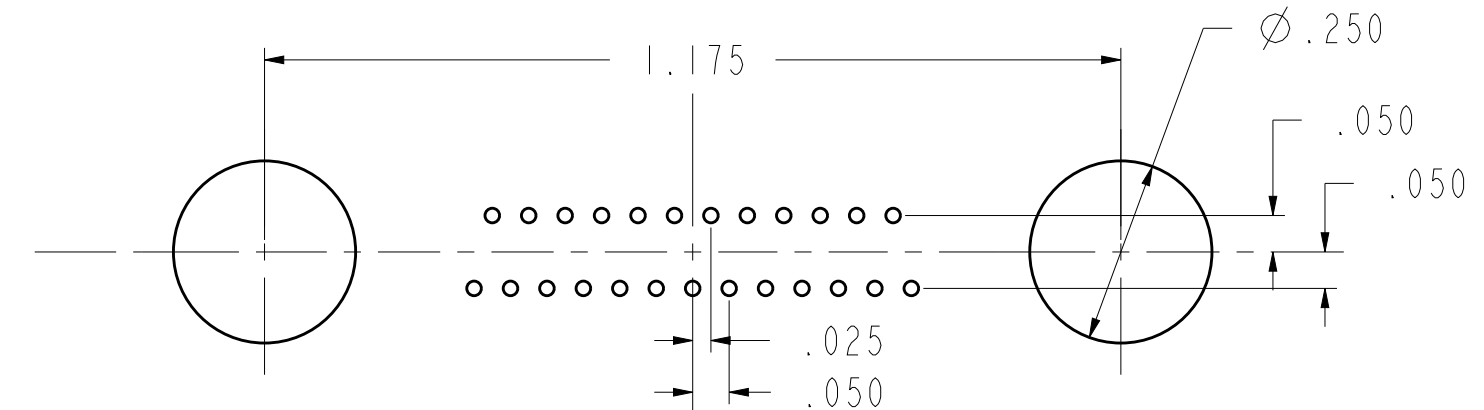
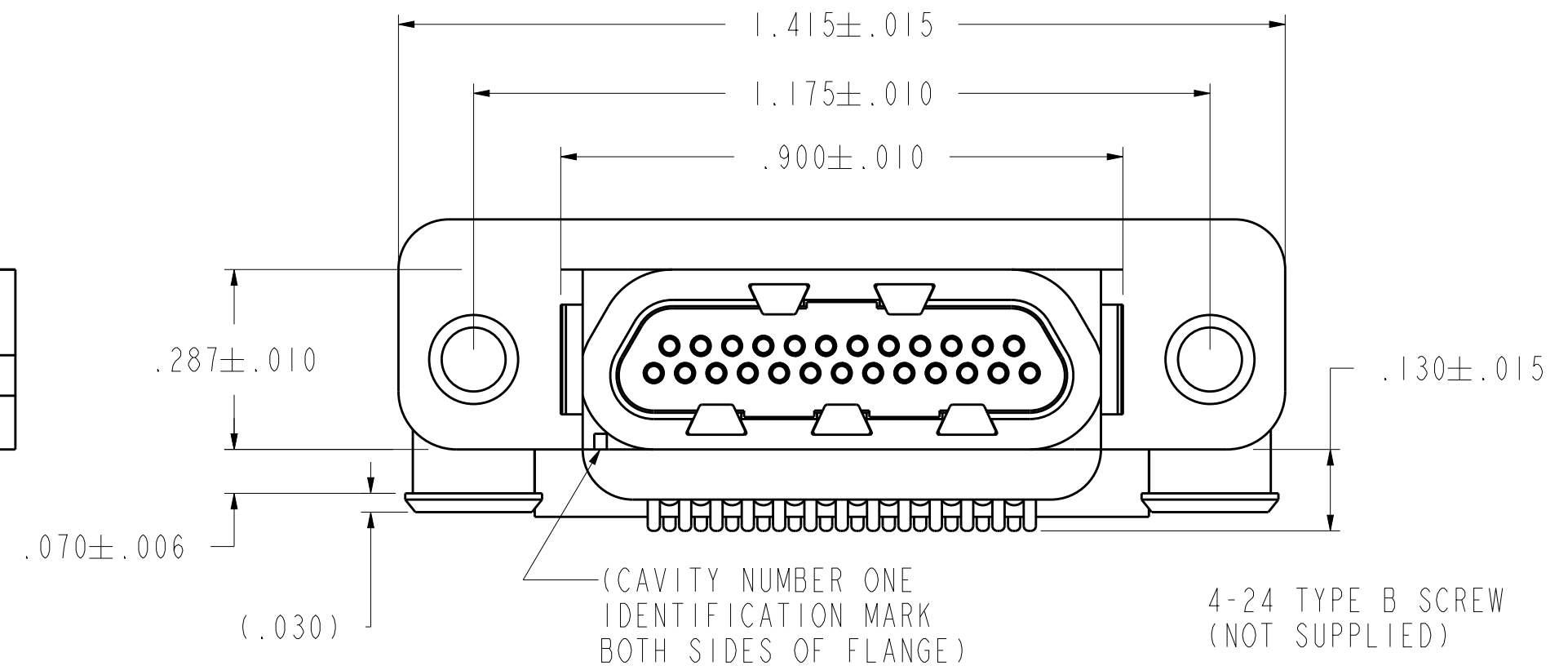
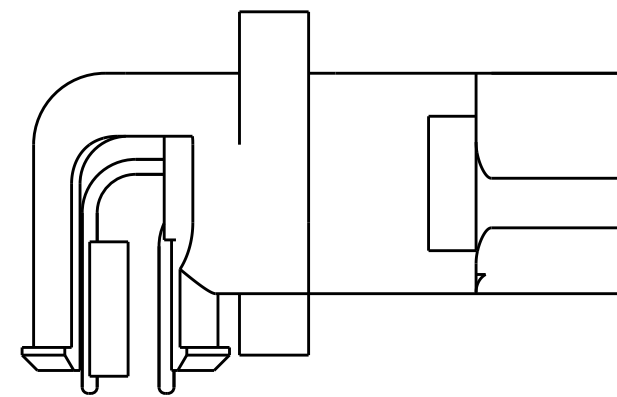
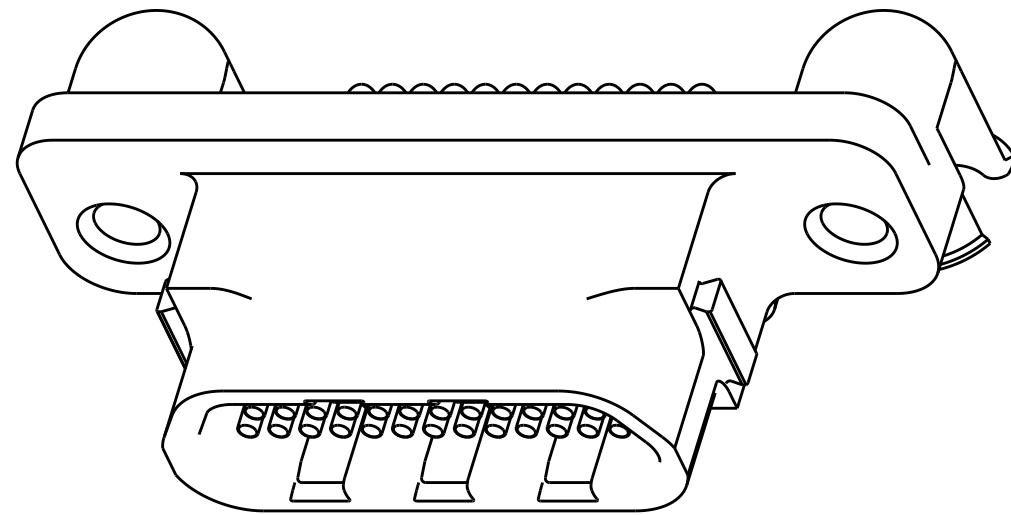




LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
			D	REVISED PER E.O. D0196	120831	AR	JH
			D1	REVISED PER ECO-14-007974	270514	SG	AR

Technical drawing of a panel with dimensions and labels. The panel is shown in a cross-sectional view, revealing internal components. The top surface is labeled with the following text from left to right: 1044B, 11139, DEUTSCH, SMD25RNPc. The panel has a maximum thickness of .060. Dimensions are indicated by arrows and text:

- Overall height:  $.510 \pm .015$
- Height of the top section:  $.503 \pm .010$
- Height of the bottom section:  $.195 \pm .003$
- Maximum panel thickness: .060



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN A. RASSMUSSEN 120611		 TE Connectivity	
NBO 859		CHK J. H. 120831			
DIMENSIONS: INCHES		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME CONNECTOR, RECEPTACLE CIRCUIT BOARD MOUNT SMD SERIES, SIZE 25	
		APVD A. RENGIFO 120904			
0 PLC ±. 1 PLC ±.1 2 PLC ±.01 3 PLC ±.005 4 PLC ±.0005 ANGLES ±.5°		PRODUCT SPEC -		SIZE A2	
MATERIAL		APPLICATION SPEC -			
FINISH		WEIGHT -		CAGE CODE -	
SEE NOTE 2		SEE NOTE 2		DRAWING NO C-SMD25RxPC	
Customer Drawing		SCALE NONE		SHEET 1 OF 2 REV D1	

4

3

2

1

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RELEASED FOR PUBLICATION

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LOC		DIST		REVISIONS				
P	LTR	DESCRIPTION			DATE	DWN	APVD	
	-	SEE SHEET 1			-	-	-	

7. RECOMMENDED PANEL-MOUNT SCREW: MCMASTER-CARR PART NUMBER 93195A110 (NOT SUPPLIED).  
TORQUE: 6.0 TO 6.5 IN-LBS.

6. CONSULT FACTORY FOR AVAILABILITY.

5. CONNECTOR DESIGNED TO MATE WITH DEUTSCH SMD25P\*\*\*L CONNECTOR.

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

3. PERFORMANCE DATA:  
OPERATING TEMPERATURE: -55°C TO +125°C  
WIRE SIZE: 25 AWG SOLID WIRE  
BLIND MATEABLE WITH SMD25P\*\*\*L  
CONTACT ENGAGEMENT AND SEPARATION FORCES: IN ACCORDANCE WITH MIL-DTL-83513  
CONTACT RESISTANCE: 7 MILLIOHMS (CRIMP-TO-CRIMP)  
CONTACT 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: 500VAC  
EMI SHIELDING EFFECTIVENESS WHEN TESTED IN ACCORDANCE WITH MIL-STD-1344 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.  
NBO 859

DIMENSIONS:  
INCHES

MATERIAL

SEE NOTE 2

TOLERANCES UNLESS  
OTHERWISE SPECIFIED:

0 PLC ±  
1 PLC ±.1  
2 PLC ±.01  
3 PLC ±.005  
4 PLC ±.0005  
ANGLES ±.5°  
FINISH

SEE NOTE 2

DWN  
A. RASSMUSSEN  
CHK  
J.H.  
APVD  
A. RENGIFO

120611  
120831  
120904

PRODUCT SPEC  
APPLICATION SPEC  
WEIGHT

-

Customer Drawing

TE Connectivity

NAME  
CONNECTOR, RECEPTACLE  
CIRCUIT BOARD MOUNT  
SMD SERIES, SIZE 25

SIZE  
A2

CAGE CODE  
-

DRAWING NO  
SMD25RxPC

RESTRICTED TO  
-

SCALE  
2.000

SHEET  
2

OF  
2

REV  
D1

1471-9 (3/11)

NONE

SMD25R\*PC

2 2

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