

1

2

3

4

A

A

B

B

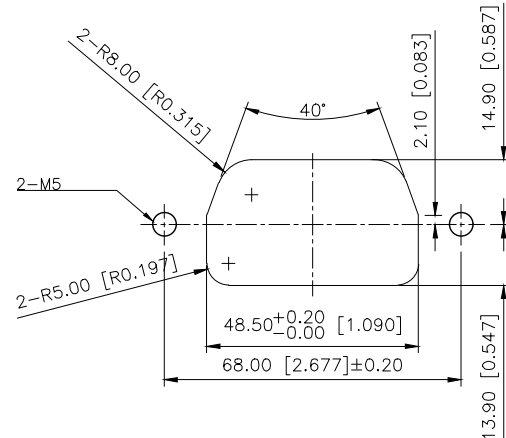
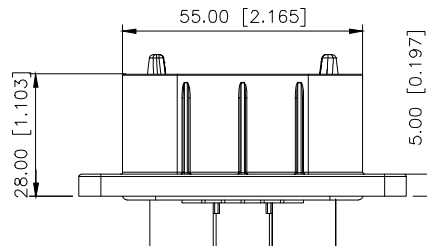
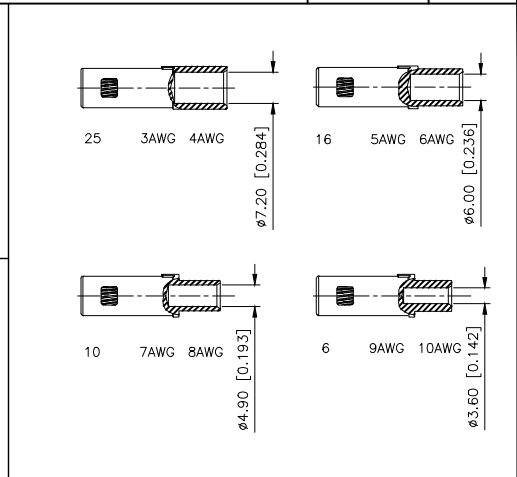
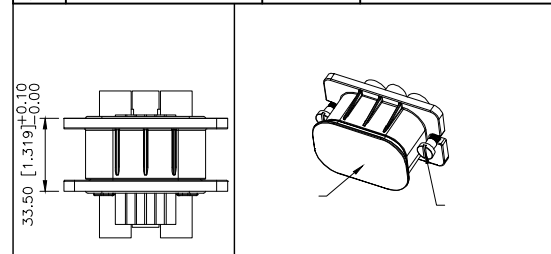
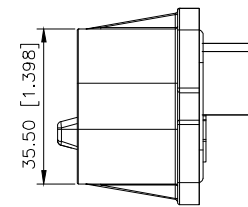
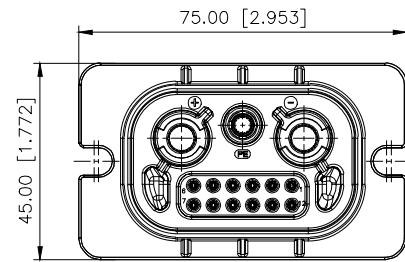
C

C

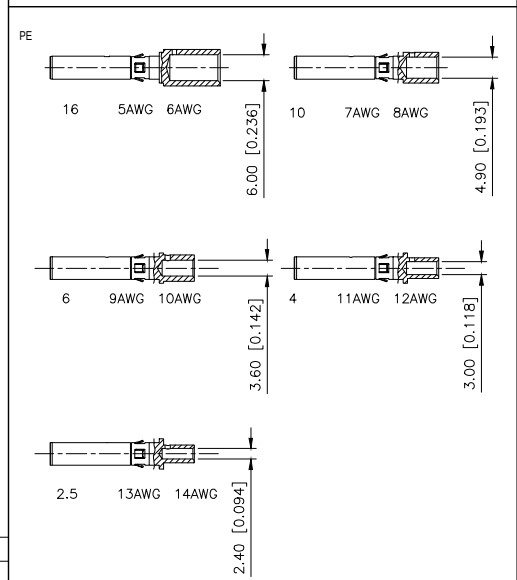
D

D

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	2025.11.03	
/	N/A		/	/	/



PCB LAYOUT



KBC-11 2 B 12-25 A 10

A: PE
B: PE

06=6mm² 9AWG 10AWG
10=10mm² 7AWG 8AWG
16=16mm² 5AWG 6AWG
25=25mm² 3AWG 4AWG

00= PE
06=6mm² 9AWG 10AWG
04=4mm² 11AWG 12AWG
10=10mm² 7AWG 8AWG
16=16mm² 5AWG 6AWG
2A=2.5mm² 13AWG 14AWG

- Specifications()
- 1.Voltage rating(): 1
 - 2.Current rating(): 1
 - 3.Withstanding voltage(): 1
 - 4.Insulation resistance():200MΩ at DC1000V
 - 5.Protection level():IP67
 - 6.Mating cycles 100 cycles Min
 - 7.Salt spray test 5% NaCl 48H;
 - 8.Recommended screw torque():M5 3.4~4.0N.m
 - 9.Temperature range(): -40 ~+125

1							
pin		125A Max		25	3AWG 4AWG	pin	
+ -	1500 VDC	95A Max	4000V AC	16	5AWG 6AWG		
		65A Max		10	7AWG 8AWG		
		50A Max		6	9AWG 10AWG		
				18AWG 20AWG 22AWG			
1~12	30 VDC	5A Max	500V AC				

AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERANCES	



DESIGN
CHECKED
APPROVED

VIEW:
UNIT: mm/in
SIZE: A4

MODEL TYPE:
2+1+12
PART NO.:
KBC-112B12-25A10
DWG NO.:

1

2

3

4