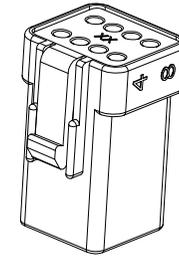
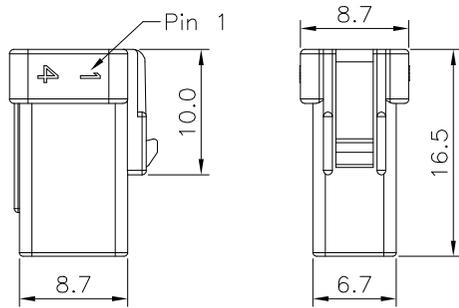
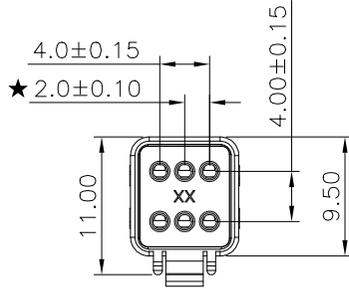


RoHS

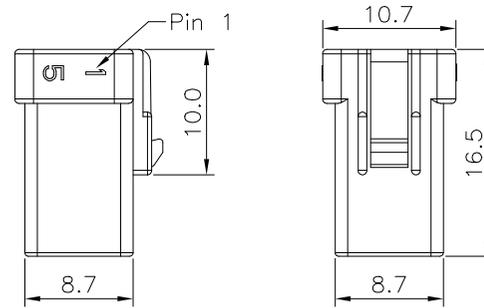
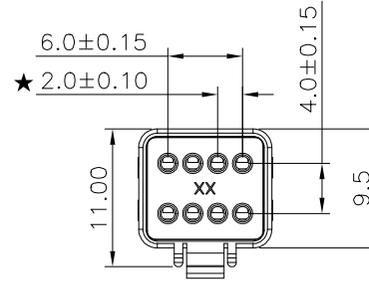
This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



2039AM-2\*03-PTNC



2039AM-2\*04-PTNC



■ Specifications :

- Voltage rating: 100V Max. AC / DC
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+105°C
- Insulation resistance: >800MΩ/500V DC/Minute
- Mates With SESO Housing: 2039AF
- Mates With SESO Terminal:2039TF-HY2B
- Product Specification: PS-2039-01
- Packaging: see SESO drawing PK-2039AM-2xXX-PTNC
- Symbols for SPC dimensions: "★"
- Waterproof grade:IPX7

2039 A M-2\*XX -PT NC  
 ① ② ③ ④ ⑤ ⑥

- ① Series No.
- ② Category: A-Housing Product
- ③ Connector Type:M-Male
- ④ Row No.-Pin No: 2x03~2x04Pin
- ⑤ Plastic material: PT- PBT(UL 94 V-0)
- ⑥ Color: NC-Natural color



20240627	A0	/	Initial release	/	Larry Yang
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

GENERAL TOLERANCE	
.X	±0.35
.XX	±0.25
.XXX	±0.15
X.*	±2°
PROJECT	

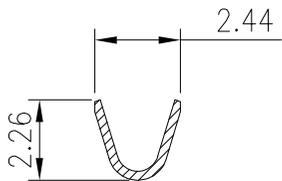
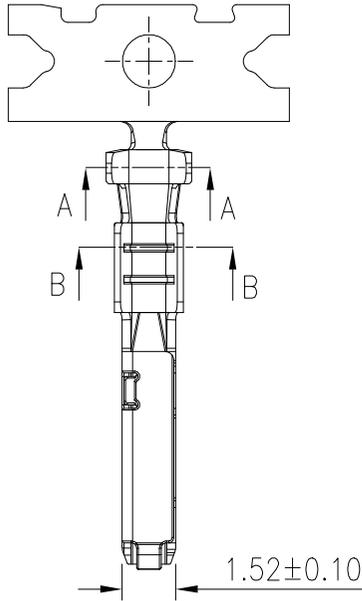
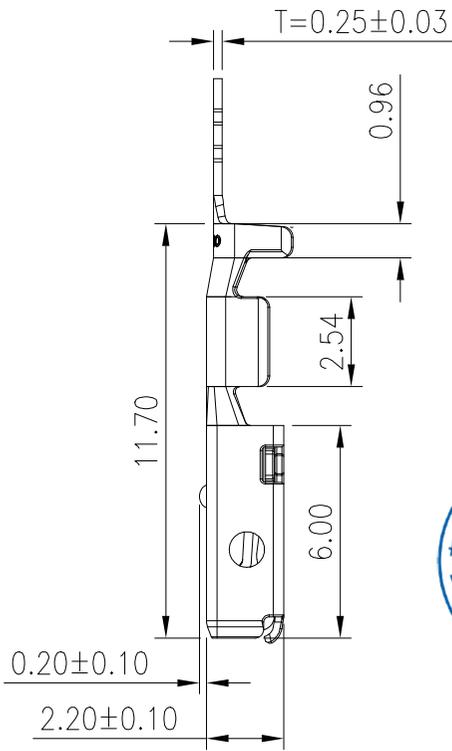
**SMS** 东莞市思索技术股份有限公司  
 Dongguan SESO Technology Co.,Ltd.

APPROVAL	CHECK	DRAWN	DATE
Jack Zhang	Larry Yang	Bless Guo	2023/03/28

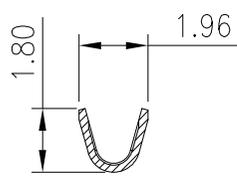
PART NO. 2039AM-2*XX-PTNC					
TITLE 2.0Pitch Type Housing Waterproof					
UNIT	SCALE	SHEET	REV	NUMBER	
mm	1:1	1/1	A0	CD	

RoHS

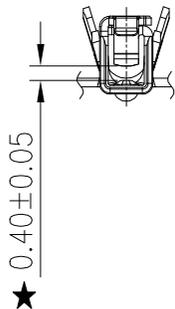
This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



Section View A-A  
Scale 1:1



Section View B-B  
Scale 1:1



■ Specifications :

- Current rating: 3A Max.AC / DC(0.35mm<sup>2</sup> Wire)
- Temperature range: -40°C~+105°C
- Contact resistance: ≤10mΩ (Initial)  
≤20mΩ (After Testing)
- Material(Pin): High Conductivity Copper
- Mates With SESO Housing: 2039AM
- Product Specification: PS-XXXX-XX
- Packaging: see SESO drawing PK-2039TF-HXXX
- Symbols for SPC dimensions: " ★ "

2039 T F- H 05 00  
① ② ③ ④ ⑤ ⑥

- ① Series No.:2039
- ② Category:T-terminal
- ③ Connector Type: F-Female terminal
- ④ Material: H-High Conductivity Copper
- ⑤ Plating code:05-plating in contact area, 52u"(1.3um )Au Min, plating in other area, Gold Flash, 30u"Min(0.75um" Min) nickel overall plating in area,80~200u"(2~5um)Sn
- ⑥ Special No.:00

2039TF-H0500	AWG#22 (0.35mm <sup>2</sup> )	Ø1.40mm Max
Part NO.	Wire Range	Insulation O.D.

20241024	A0	/	Initial release	Flynt Chen	Jack Zhang
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

GENERAL TOLERANCE	
.X	±0.35
.XX	±0.25
.XXX	±0.15
X.' ±2'	
PROJECT	

**SMS** 东莞市思索技术股份有限公司  
Dongguan SESO Technology Co.,Ltd.

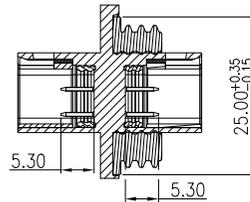
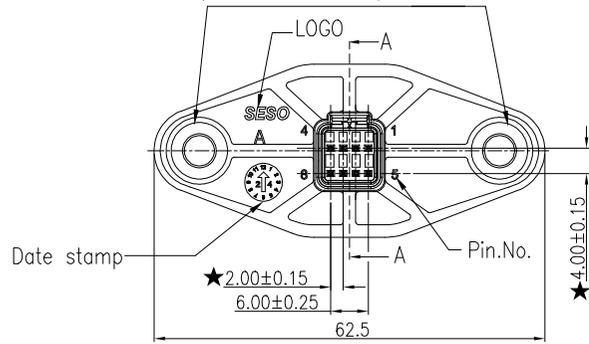
APPROVAL	CHECK	DRAWN	DATE
Jack Zhang	Larry Yang	Flynt Chen	2024/10/24

PART NO. 2039TF-H0500				
TITLE 2.00mm crimp terminal				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/1	A0	CD

RoHS

This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules

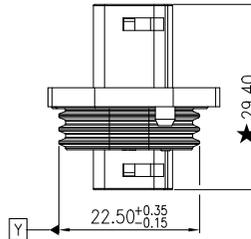
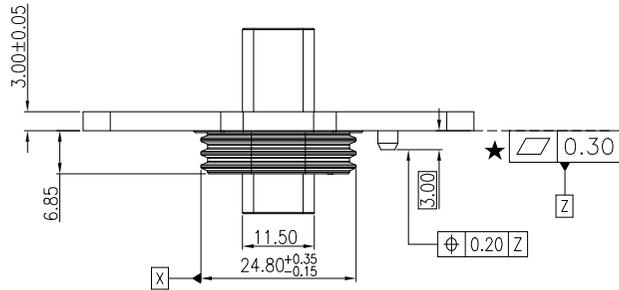
plastic height is not allowed on top of both aspects of the compression limiter



Section View A-A  
Scale 1:1

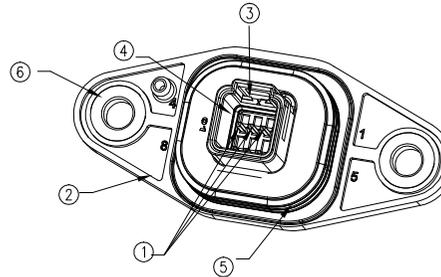
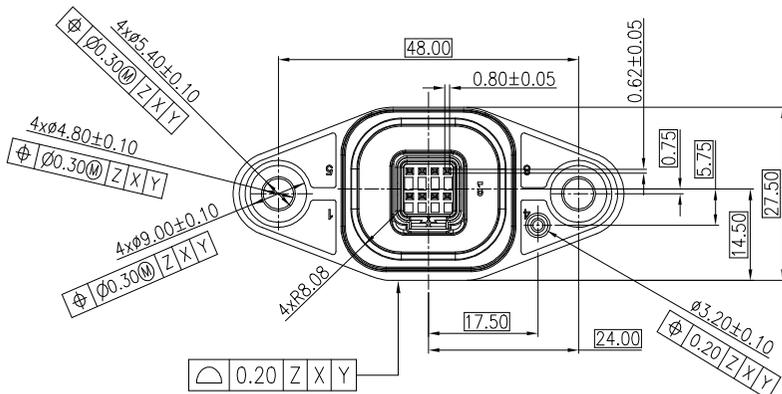
Specifications :

- Voltage rating: 100V Max. AC / DC
- Current rating: 3A Max.AC / DC(0.35mm<sup>2</sup> Wire)
- Withstanding voltage: 1000V AC/minute
- Temperature range: -40°C~+105°C
- Contact resistance: <math>\leq 10m\Omega</math> (Initial), <math>\leq 20m\Omega</math> (After Testing)
- Insulation resistance: >100M $\Omega$ /500V DC/Minute
- Mates With SESO Housing/Terminal:2039AM-2xXXB/2039TF-HXXX
- Product Specification: PS-2039-XX
- Packaging: see SESO drawing PK-2039W-G0809-05H00
- Symbols for Critical dimensions: "★"



2039 W - G 08 09 - 05 H 00  
① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① Series No: 2039
- ② Category: W-wafer
- ③ Row No.-Pin No: G-Double Row DIP 180°
- ④ Row No.-Pin No: 08- 2\*04Pin
- ⑤ Plastic material: 09- PBT UL94V-0
- ⑥ Plating Code:05-plating in contact area. 52u"(1.3um )Au Min. plating in other area. Gold Flash. 30u"Min(0.75um" Min) Nickel Underlayer
- ⑦ Environmental requirements:H-Rohs
- ⑧ Special code:00-With Post:Black;Tray



⑥	copper bush	Brass	2
⑤	Sealing	Silicone	1
④	Jacket Waterproof	PBT+GF15% UL94V-0	2
③	silicone gasket gasket	Silicone	2
②	Plastic	PBT+GF30% UL94V-0	1
①	Terminal	Brass	8
Poles	Description	Material	QTY

20250328	A5	/	Modify the surface roughness of the chassis	Flynt Chen	Jack Zhang
20250313	A4	/	Add roughness control for the chassis	Flynt Chen	Jack Zhang
20250206	A3	ER20250206004	1.Widening the large waterproof ring and adding wavy shapes to the inner ring 2.Widen the plastic reinforcement and add four diagonal reinforcement bars	Flynt Chen	Jack Zhang
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

GENERAL TOLERANCE	
.X	±0.35
.XX	±0.25
.XXX	±0.15
X.*	±2°
PROJECT	

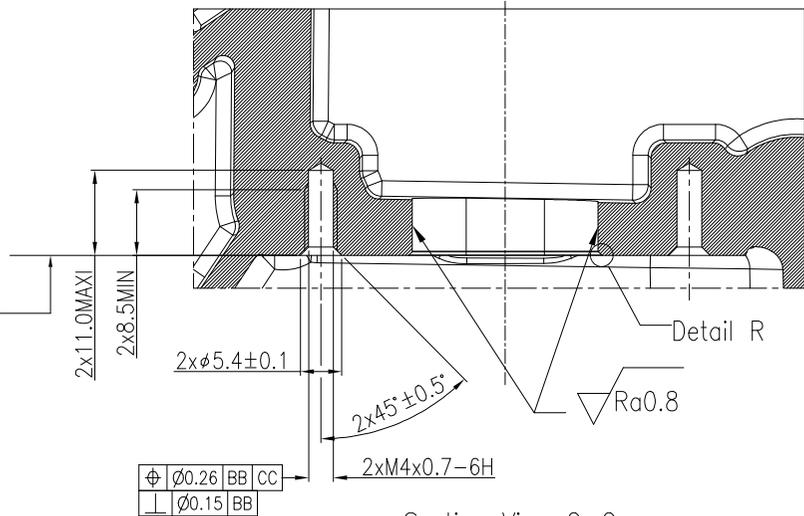
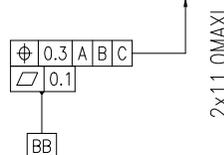
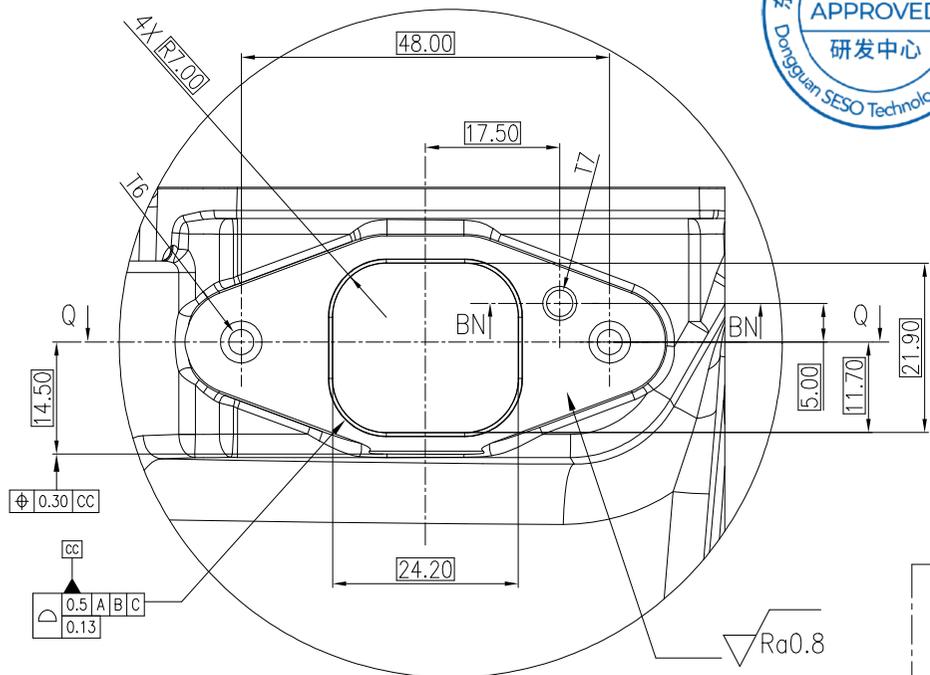
**SMS** 东莞市思索技术股份有限公司  
Dongguan SESO Technology Co.,Ltd.

APPROVAL	CHECK	DRAWN	DATE
Jack Zhang	Waverly Wang	Flynt Chen	2024/07/29

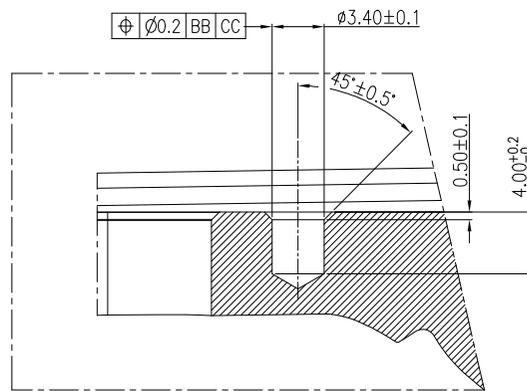
PART NO.				
2039W-G0809-05H00				
TITLE				
2.00mm Pitch Connector				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	1/2	A5	CD

RoHS

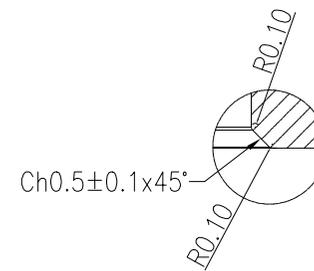
This products can apply to the SESO Doc NO. QA-3-04-005 of Environmental&Material Management Rules



Section View Q-Q  
Scale 1:1



Section View BN-BN  
Scale 2:1



Detail R  
Scale 5:1

# PANEL OPENING REQUIREMENTS

20250328	A5	/	Modify the surface roughness of the chassis	Flynt Chen	Jack Zhang
20250313	A4	/	Add roughness control for the chassis	Flynt Chen	Jack Zhang
20250206	A3	ER20250206004	1.Widening the large waterproof ring and adding wavy shapes to the inner ring 2.Widen the plastic reinforcement and add four diagonal reinforcement bars	Flynt Chen	Jack Zhang
DATE	REV	ECN NO.	DESCRIPTION	MODIFY	APPROVAL

GENERAL TOLERANCE	
.X	±0.35
.XX	±0.25
.XXX	±0.15
X.	±2°
PROJECT	

**SMS** 东莞市思索技术股份有限公司  
Dongguan SESO Technology Co.,Ltd.

APPROVAL	CHECK	DRAWN	DATE
Jack Zhang	Waverly Wang	Flynt Chen	2024/07/29

PART NO.				
2039W-G0809-05H00				
TITLE				
2.00mm Pitch Connector				
UNIT	SCALE	SHEET	REV	NUMBER
mm	1:1	2/2	A5	CD