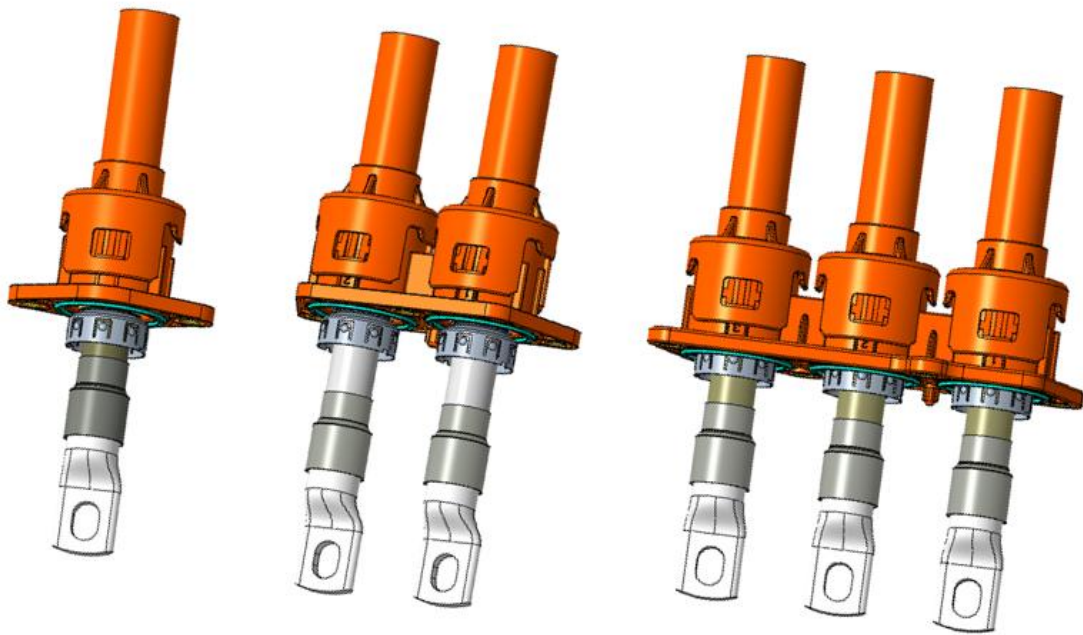


IPT-HD 50/70/95mm² ISO CABLE

APPLICATION SPECIFICATION

IPT-HD 50/70/95mm² ISO 线缆

产品应用规范书



E	Revise	K.Z	3DEC2025	PR: K.SI DATE:23Marth2022	 TE Connectivity Shanghai, China			
D	Revise	H.W	28OCT2024					
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CONTENT 目录

1. SCOPE 适用范围	3
1.1 Content 内容	3
1.2 Processing notes 加工说明	3
2. APPLICABLE DOCUMENTS 适用文件	3
2.1 TE Connectivity Documents 泰科电子文件	3
2.1.1 Customer drawings 客户图纸	4
2.1.2 Specifications 规范	5
2.2 General Documentation 通用文档	5
2.2.1 Cable Specification 线缆规格	5
3. CONDITION OF DELIVERY AND PACKAGING 交货和包装状态	5
3.1 Components 零部件	5
3.2 Optional Accessories & Associated Parts 可选配件和相关部件	7
3.3 Packaging and Storage 包装和贮存	7
4. APPLICATION TOOLS 应用工装	8
4.1 Ring tongue application tools 端子应用工装	8
4.2 Shielding crimp 屏蔽压接	8
5. ASSEMBLY INSTRUCTIONS 组装说明	9
5.1 Overview of main parts should be assembled 主体部件总览图	9
5.2 Shielding Wire assembly process 屏蔽组装制程	10
5.3 Mounting instructions for the IPT-HD 安装说明	15
5.4 Mounting instructions for the optional accessories & associated parts 可选部件和关联部件安装说明 ...	16
5.5 Mounting Dimension illustration 安装尺寸说明	16
5.6 Dismounting instructions for the IPT-HD 产品拆卸说明	18
6. FINAL EXAMINATION 终检	18
6.1 Visual Examination 外观检查	18
6.2 Electrical Tests 电气测试	18
6.2.1 On-line electrical test 在线测试	18
7. APPENDIX 附录	19
7.1 ISO HUBER SUHNER 50/70/95mm ²	19
8. APPENDIX: REVISION RECORD 附录.版本记录	20



- ◆ This connector is intended for use in high-voltage applications. Special care must be applied to ensure that the connector functions as intended.
- ◆ If you suspect that the connector has been modified, damaged, contaminated or otherwise compromised, please discontinue its use immediately.
- ◆ This connector should only be serviced by a trained and qualified technician.

1. SCOPE 适用范围

1.1 Content 内容

This specification covers the requirements for application of the sealed IPT-HD 50/70/95 mm² High Voltage connector. The IPT-HD connector system is designed to meet LV215-2 specifications. The connector incorporates conductive EMI shielding to reduce radiated emissions in the application. The housings are molded in orange to denote a high voltage system.

该规范涵盖了密封IPT-HD 50/70/95 mm² 高压连接器的应用要求。IPT-HD连接器系统的设计符合LV215-2规范。该连接器采用导电EMI屏蔽，以减少应用中的辐射。外壳采用橙色模制，表示高压系统。

1.2 Processing notes 加工说明

The processor is responsible for ensuring the quality of the manufacturing process and the proper function of the system. The warranty and liability is excluded, if quality deficiency or damages occurs by failing compliance to this specification or using not specified, not released tools or not released connector components.

加工者负责确保制造过程的质量和系统的正常功能。如果由于未遵守本规范或使用未定义的、未发布的工装或未发布的连接器组件而导致质量异常或损坏，则不承担保修和责任。

2. APPLICABLE DOCUMENTS 适用文件

The following mentioned documents are part of this specification. If there is a conflict between the information contained in the documents and this specification or with any other technical documentation supplied, the last valid customer drawings takes preference.

以下提到的文件是本说明书的一部分。如果文档中包含的信息与本规范或提供的任何其他技术文档之间存在冲突，则最新有效的客户图纸优先。

2.1 TE Connectivity Documents 泰科电子文件

This Application Specification based on the latest valid customer drawings.

本应用规范基于最新的有效客户图纸。



2.1.1 Customer drawings 客户图纸

Drawing No./ Component Description List	
C-2371019	1pos Ring Tongue, Housing, Assy, Sealed
C-2371017	2pos Ring Tongue, Housing, Assy, Sealed
C-2355146	3pos Ring Tongue, Housing, Assy, Sealed
C-2355153	Protective cover
C-2355148	Shielding sleeve
C-2355150	Shielding
C-2355151	Single wire seal
C-2177380	50mm ² wire Ring tongue
C-2365737	70 mm ² & 95mm ² wire Ring tongue
C-2498291	50mm ² wire Ring tongue (With larger mounting surface for the screw)
C-2498295	70mm ² wire Ring tongue (With larger mounting surface for the screw)
C-2498301	95mm ² wire Ring tongue (With larger mounting surface for the screw)
C-2480484	IPT HD 50-95 PLUG CAP

Table 1: Customer drawings

2.1.2 Specifications 规范

Specifications	Description
108-160480	IPT HD 50/70/95mm ² ISO CABLE SPECIFICATION
114-160263	IPT HD 50/70/95mm ² ISO CABLE APPLICATION SPECIFICATION

Table 2:TE-specifications

2.2 General Documentation 通用文档

2.2.1 Cable Specification 线缆规格

Cable specifications of tested high voltage (HV)cables, shielded

Supplier: ISO Huber Suhner (Part No.: 84096257 /50mm²)

Cross-section: 50mm²

Core diameter: Max. 9.4mm

Outer diameter: 14.9+/-0.3

Supplier: ISO Huber Suhner (Part No.: 84100298 /70mm²)

Cross-section: 70mm²

Core diameter: Max. 11.6mm

Outer diameter: 17.0+/-0.3

Supplier: ISO Huber Suhner (Part No.: 84100299 /95mm²)

Cross-section: 95mm²

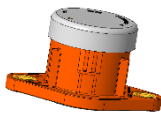
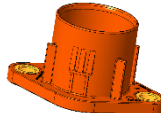

Core diameter: Max. 13.5mm

Outer diameter: 19.9+/-0.4

If the wires listed cannot meet your requirements, please contact with the responsible TE Connectivity employees.
如果上面列出的线缆不能满足你的需求，请联系TE的负责人员。

3. CONDITION OF DELIVERY AND PACKAGING 交货和包装状态

3.1 Components 零部件

Description 描述	Picture for ref. 图片	Usage 用量	PN for 95mm ² 95 平方线部件号	PN for 70mm ² 70 平方线部件号	PN for 50mm ² 50 平方线部件号
1pos Ring Tongue, Housing Assy with dust cover		1	2371019-1		
1pos Ring Tongue, Housing Assy		1	2371019-2		
Protective cover		1	2355153-6	2355153-3	2355153-4


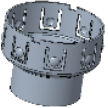



Shielding sleeve		1	2355148-5	2355148-1	2355148-3
Shielding		1	2355150-8 plating Sn	2355150-2 plating Sn	2355150-4 plating Sn
Single wire seal		1	2355151-3	2355151-1	2355151-2
Ring tongue		1	2365737-2 / 2498301-1	2365737-1 / 2498295-1	3-2177380-1 / 2498291-1
heat-shrinkable tubing		N/A	5039254029		

Table 3: required components for assembly of IPT-HD 1POS

Description 描述	Picture for ref. 图片	Usage 用量	PN for 95mm ² 95 平方线部件号	PN for 70mm ² 70 平方线部件号	PN for 50mm ² 50 平方线部件号
2pos Ring Tongue, Housing Assy with dust cover		1	2371017-1		
2pos Ring Tongue, Housing Assy		1	2371017-2		
Protective cover		2	2355153-6	2355153-3	2355153-4
Shielding sleeve		2	2355148-5	2355148-1	2355148-3
Shielding		2	2355150-8 plating Sn	2355150-2 plating Sn	2355150-4 plating Sn
Single wire seal		2	2355151-3	2355151-1	2355151-2
Ring tongue		2	2365737-2 / 2498301-1	2365737-1 / 2498295-1	3-2177380-1 / 2498291-1
heat-shrinkable tubing		N/A	5039254029		

Table 4: required components for assembly of IPT-HD 2POS

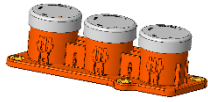
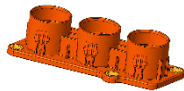






Description 描述	Picture for ref. 图片	Usage 用量	PN for 95mm ² 95 平方线部件号	PN for 70mm ² 70 平方线部件号	PN for 50mm ² 50 平方线部件号
3pos Ring Tongue, Housing Assy with dust cover		1	2355146-1		
3pos Ring Tongue, Housing Assy		1	2355146-2		
Protective cover		3	2355153-6	2355153-3	2355153-4
Shielding sleeve		3	2355148-5	2355148-1	2355148-3
Shielding		3	2355150-8 plating Sn	2355150-2 plating Sn	2355150-4 plating Sn
Single wire seal		3	2355151-3	2355151-1	2355151-2
Ring tongue		3	2365737-2 / 2498301-1	2365737-1 / 2498295-1	3-2177380-1 / 2498291-1
heat-shrinkable tubing		N/A	5039254029		

Table 5: required components for assembly of IPT-HD 3POS

3.2 Optional Accessories & Associated Parts 可选配件和相关部件

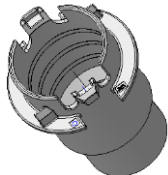
Description 描述	Picture for ref. 图片	Usage 用量	PN for 50mm ² 50 平方线部件号	PN for 70mm ² 70 平方线部件号	PN for 95mm ² 95 平方线部件号
Plug transportation cap		1	2480484-1		

 Table 6: Optional Accessories & Associated Parts for assembly of IPT-HD for 50/70/95mm²

3.3 Packaging and Storage 包装和贮存

The products should be used on a "first in, first out" basis to avoid storage contamination, please refer to the latest valid customer drawings.

为避免存储污染，产品应以“先进先出”的原则使用，请参见最新的有效客户图纸。

4. APPLICATION TOOLS 应用工装

The Application tools are only valid for the specified cables at appendix. More tooling information can be obtained through a local TE Representative, or calling the product information Center after purchase.

应用工装仅对附录中的指定电缆有效。可通过当地TE代表获取更多工装信息，或者在购买后，拨打产品信息中心电话。

4.1 Ring tongue application tools 端子应用工装

Application tools / 应用工装	
528041-7	Ring Tongue(3-2177380-1), IPT-HD 50mm ² crimp tool
2359763-1	Ring Tongue(2365737-1), IPT-HD 70mm ² crimp tool
2383674-1	Ring Tongue(2365737-2), IPT-HD 95mm ² crimp tool
2500777-1	Ring Tongue(2498291-1), IPT-HD 50mm ² crimp tool
2500778-1	Ring Tongue(2498295-1), IPT-HD 70mm ² crimp tool
2500779-1	Ring Tongue(2498301-1), IPT-HD 95mm ² crimp tool

Table 7: application tools contact crimp

4.2 Shielding crimp 屏蔽压接

The following table contains the required order numbers for application tools.
下表包含所需应用工装的订货号。

Application tools / 应用工装	
2410071-1	Shield crimp tool for 50mm ² ISO cable (For 3-2177380-1 terminal)
2410072-1	Shield crimp tool for 70mm ² ISO cable(For 2365737-1 terminal)
2396869-1	Shield crimp tool for 95mm ² ISO cable(For 2365737-2/2498301-1 terminal)
2506738-1	Shield crimp tool for 50mm ² ISO cable (For 2498291-1 terminal)
2506739-1	Shield crimp tool for 70mm ² ISO cable(For 2498295-1 terminal)

Table 8: Application tools

5. ASSEMBLY INSTRUCTIONS 组装说明

The following procedures show the details of the cable assembly and insertion instructions of the cable assembly into the plug housing subassembly. The processing is only valid for the specified cable at appendix and only these combinations have been validated by TE. Alternative cables may be used after ensuring performance through validation testing.

下述步骤显示了线缆组件的细节和线缆组件插入母端壳体子组件的插入说明。该制程仅对附录中的指定线缆有效，并且仅这样的组合通过TE验证。在通过验证测试性能之后，可以使用替代电缆。

5.1 Overview of main parts should be assembled 主体部件总览图

Component of IPT-HD 1P 50mm² &70mm² &95 mm² review

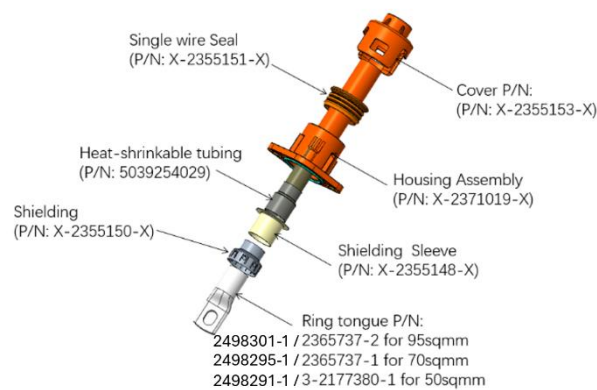


Figure 1: explosion view

Component of IPT-HD 2P 50mm² &70mm² &95 mm² review

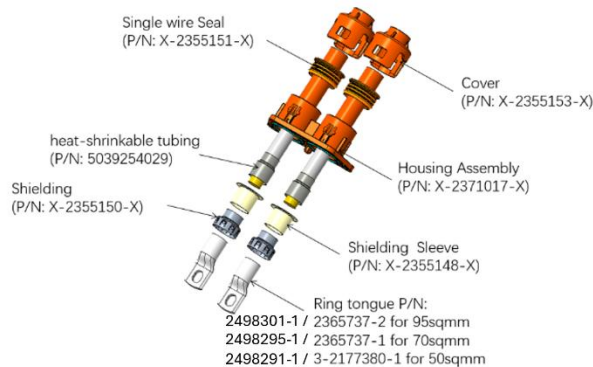


Figure 2: explosion view

Component of IPT-HD 3P 50mm² &70mm² &95 mm² review

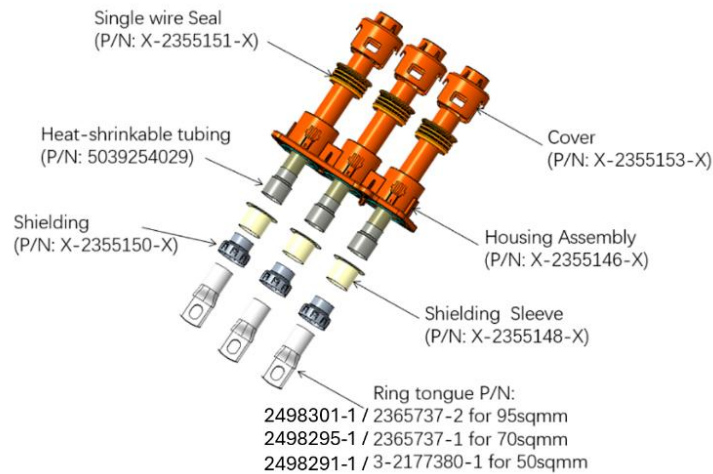


Figure 3: explosion view

5.2 Shielding Wire assembly process 屏蔽组装制程

Safety alerts, continus or repeated contact with conductor and shielding is not allowed, protective gloves should be worn if necessary.

安全提醒, 请勿长时间或重复与导体或屏蔽接触, 必要时请穿戴防护手套。

Step 1/步骤一 In the order shown in figure 4, slide cover, single wire seal and shield sleeve onto cable sheath, keeping them out of crimping area.

按照图4所示的顺序, 滑动保护盖, 线缆密封圈和屏蔽套管到电缆护套上, 使它们不在压接区域。

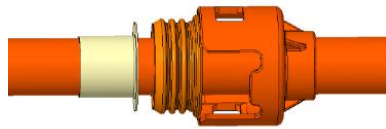


Figure 4: slide components onto cable before processing

Step 2/步骤二 Strip and remove outer sheath, screening braid (if present screening foil), inner sheath and conductor from the end as shown in figure 5.

Stripping dimensions for exposing wire as shown in table 9&10&11

如图5所示, 切开并去除外绝缘皮, 屏蔽编织物 (如果存在屏蔽箔), 内绝缘皮和导体。
剥线尺寸如表9/10/11所示

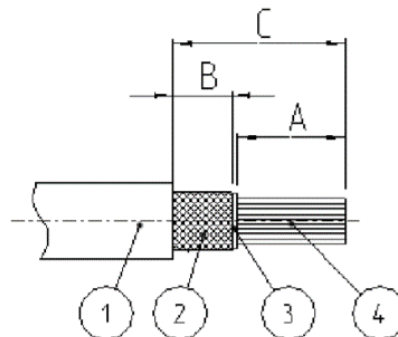


Figure 5: cutting cable to length



Attention: Cable sheath and shielding braid shall not be cut or broken during the cutting procedure.

注意: 切割过程中不得切割或破坏电缆护套和屏蔽编织层。



Application Specification

114-160263

Rev E

1000VDC 70mm ² (For 2365737-1)					
(ID)	Cable Design	A [mm]	B [mm]	C [mm]	C-A [mm]
1	Outer sheath	--	--	48±1	
2	Screening braid	--	(8)	--	
3	Inner sheath	--	--	--	(27)
4	Conductor	21±1	--	--	
1000VDC 70mm ² (For 2498295-1)					
(ID)	Cable Design	A [mm]	B [mm]	C [mm]	C-A [mm]
1	Outer sheath	--	--	44.7±1	
2	Screening braid	--	(8)	--	
3	Inner sheath	--	--	--	(23.7)
4	Conductor	21±1	--	--	

Table 9: Cutting dimensions for 70mm²

1000VDC 50mm ² (For 3-2177380-1)					
(ID)	Cable Design	A [mm]	B [mm]	C [mm]	C-A [mm]
1	Outer sheath	--	--	47±1	
2	Screening braid	--	(8)	--	
3	Inner sheath	--	--	--	(31)
4	Conductor	16±1	--	--	
1000VDC 50mm ² (For 2498291-1)					
(ID)	Cable Design	A [mm]	B [mm]	C [mm]	C-A [mm]
1	Outer sheath	--	--	45.5±1	
2	Screening braid	--	(8)	--	
3	Inner sheath	--	--	--	(29.5)
4	Conductor	16±1	--	--	

Table 10: Cutting dimensions for 50mm²

1000VDC 95mm ² (For 2365737-2)					
(ID)	Cable Design	A [mm]	B [mm]	C [mm]	C-A [mm]
1	Outer sheath	--	--	53±1	
2	Screening braid	--	(8)	--	
3	Inner sheath	--	--	--	(29)
4	Conductor	24±1	--	--	
1000VDC 95mm ² (For 2498301-1)					
(ID)	Cable Design	A [mm]	B [mm]	C [mm]	C-A [mm]
1	Outer sheath	--	--	51.7±1	
2	Screening braid	--	(8)	--	
3	Inner sheath	--	--	--	(27.7)
4	Conductor	24±1	--	--	

Table11: Cutting dimensions for 95mm²

Step 3/步骤三 Assemble shielding 组装屏蔽环

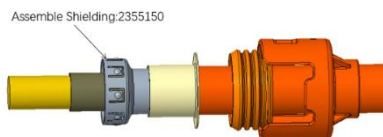


Figure 6: Assemble shielding

Step 4/步骤四 Assemble the ring tongue and crimp it.
Dimension between the tongue and the outer sheath shall be 3mm REF.
组装并压接端子
端子与外皮间的距离应该在3mm左右



Figure 7: Crimp the ring tongue

Wire size	CH	CB	
50mm ²	7.3+/-0.10	14.60Max.	
70mm ²	10.55+/-0.10	16.45Max.	
95mm ²	12.2+/-0.1	20 Max.	

Table 12: ring tongue crimping height

Step 5/步骤五 Raise and smooth screening braid over shielding ferrule.
翻起和捋平蔽丝的覆盖在屏蔽环上

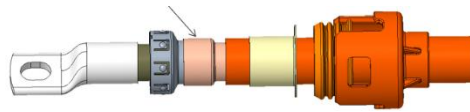


Figure 8: raise and smooth screening braid

Step 6/步骤六 Push shielding sleeve ahead, screening braid should be covered.
组装屏蔽套筒覆盖编织线

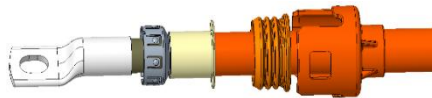


Figure 9: assemble shielding sleeve

Step 7/步骤七 Crimp shielding 压接屏蔽环

As shown in figure 10, adjust the position of shielding according to table 13 then crimp the shielding.
如图10所示，依据表格13调整屏蔽位置进行压接。

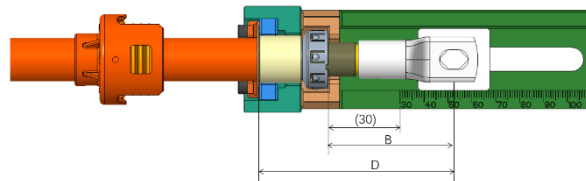


Figure 10: location of shielding

Shielding to Ring tongue Minimum distance for 1000VDC		
TYPE	DIM.B(±1)	DIM.D(±1)
50 mm ²	49.4	78.6
70 mm ²	52.4	81.6
95 mm ²	62.4	91.6

Table 13: shielding to ring tongue distance



It is essential that there are no mistakes in this step because there will be no chance to re-work the parts.
在这一步中没有错误是至关重要的，因为无法重新加工。

The following items at minimum must be inspected and verified, before and after shield crimp process.

- All components are present, and parts are crimped in correct orientation and location
- No visible cracking of the shielding parts and no loose cable shield strands
- Shielding crimp dimensions per to table 14
- Excess length of screening braid must be visible max. 1mm
- Allocation of screening braid should be equal over perimeter
- After shielding crimp, flange deformation should not exceed 2mm (refer to Fig 11)

在屏蔽压接前后，必须至少检查并验证以下项目：

- 所有部件完整，部件以正确的方向和位置进行压接
- 屏蔽部件没有明显的开裂，也没有松散的电缆屏蔽线
- 屏蔽压接按照表14
- 屏蔽编织的长度必须可见最大1毫米
- 屏蔽编织应该均匀分配在四周
- 压接后，法兰盘变形不能超过2mm（参照图11）

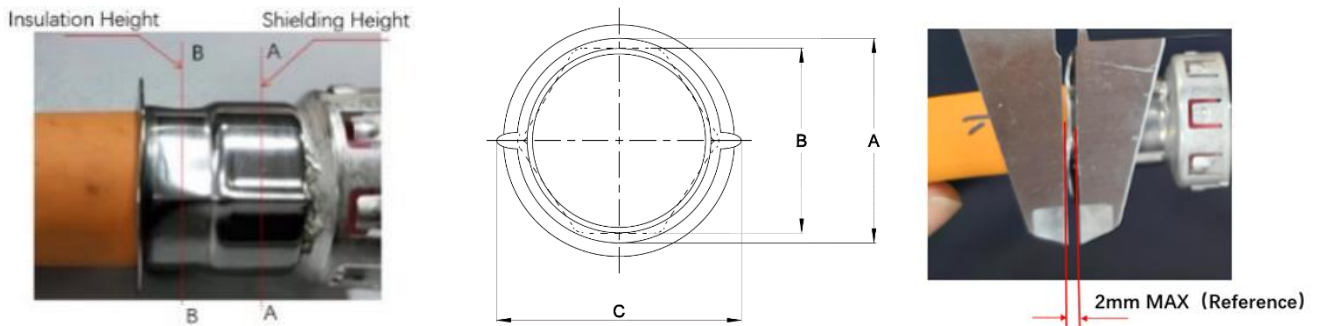


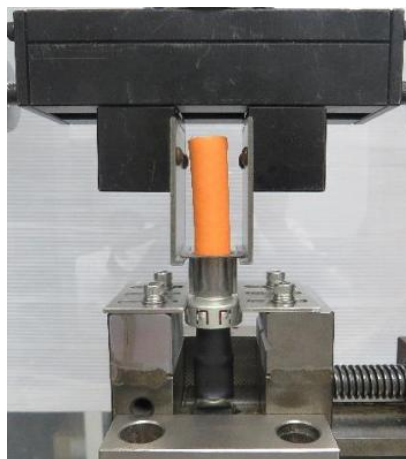
Figure 11: round crimp for shielding and hex crimp for insulation crimp

Dimension confirm after crimping				
H+S	50mm ²	16.80 ± 0.1	16.70 ± 0.15	24 Max.
H+S	70mm ²	19.0 ± 0.1	18.90 ± 0.15	24 Max.
H+S	95mm ²	21.8 ± 0.1	20.45 ± 0.1	25.5 Max.
Supplier	Size	Shielding Height A	Insulation Height B	Shielding Width C

Table 14: crimping height of shielding

The shielding crimp pull force test setup can be referenced in the following images

对于屏蔽压接拉拔力测试可参考如下图片



For 50/70/95mm² shielding

Step 8/步骤八 Cover the gap with heat shrink tube, heat for seal, recommend distance to be 34mm, heat shrink tube refer to TE Part NO. : 5039254029

用热缩套管覆盖间隙，加热密封，推荐长度为34mm，热缩套管参考泰科零件号：5039254029

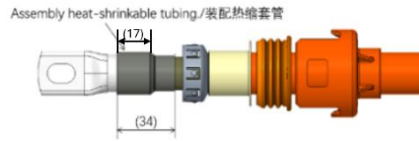


Figure 12: heating seal heat-shrinkable tubing

5.3 Mounting instructions for the IPT-HD 安装说明

Step 1/步骤1 Assemble housing assembly to system with M6 bolts, tightening torque recommended to be $8.0 \pm 1\text{Nm}$

用M6的螺钉将塑壳装配到系统面板上，安装扭矩推荐为 $8.0 \pm 1\text{Nm}$

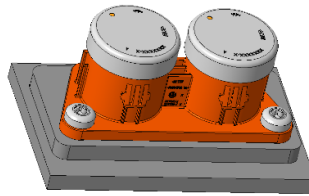


Figure 13: assemble housing assembly

Step 2/步骤2 Remove the cover.
将盖子取下。

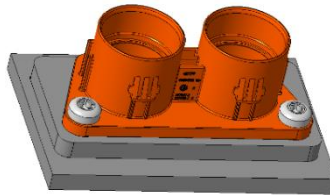


Figure 14: remove the cover

Attention: Some slight traces may appear when removing the cover, these traces won't affect the function.

注意：在去除盖子的过程中，塑胶的外侧可能会出现一些轻微的划痕，这些划痕不会影响产品功能。

Step 4/步骤4 Plug harness into the housing assembly

将线束插入到塑胶内

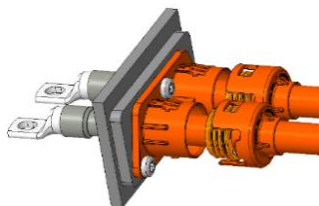


Figure 15: assemble the harness

Step 5/步骤5 Push the cover ahead and lock it on the housing assembly.

向前推盖子并将它锁在塑胶外壳上。

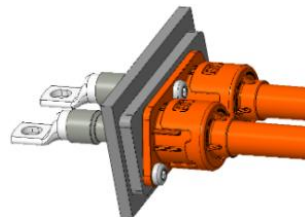


Figure 16: lock housing cover

Step 6/步骤6 Fix each ring tongue and diecasting with a bolt of M8, tightening torque recommended to be 15+/-1.5Nm

每个端子与汇流排都用一颗M8的螺栓连接。推荐扭矩为15+/-1.5Nm

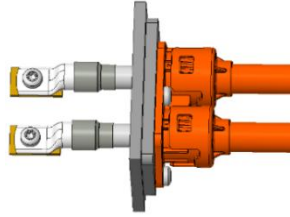


Figure 17: screw the ring tongue to the busbar

5.4 Mounting instructions for the optional accessories & associated parts 可选部件和关联部件 安装说明

Assembling the Plug Transportation Cap: Push it horizontally into the pre-installed position as shown, and then rotate it into the protective cover.

装配Plug运输保护盖：按图示水平方向推入保护盖至预装位置，然后旋转锁紧。

Function: It is designed to protect the shielding ring during the transportation of the wire harness.

用途：在线束运输过程中对屏蔽环进行保护。

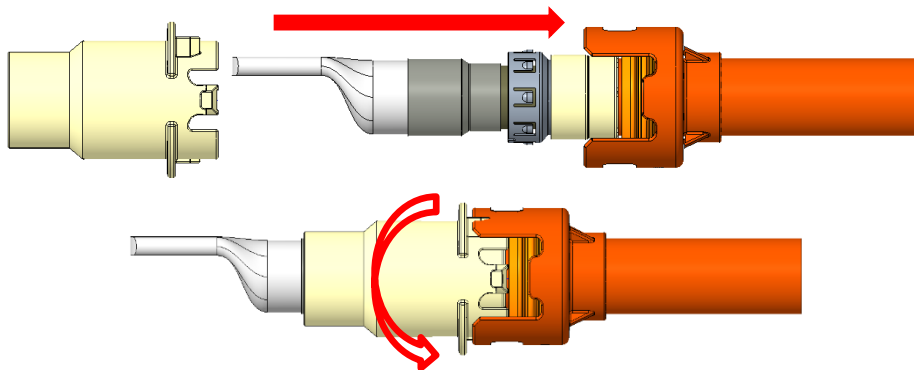


Figure 18: Assembling plug cap

Removing the Plug Cap: Rotate in the direction shown to unlock the cap and push out horizontally.

拆卸plug保护盖：按图示方向旋转解锁保护盖，并水平推出

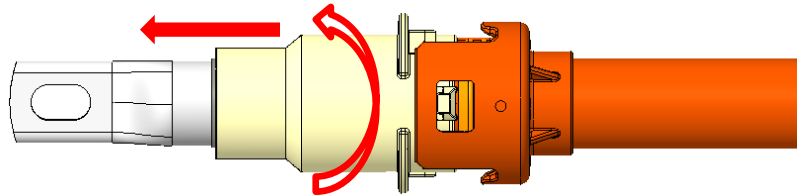


Figure 19: Removing the plug cap

5.5 Mounting Dimension illustration 安装尺寸说明

D: Distance between center of Ring tongue and shielding flange 端子中心到屏蔽法兰环距离

E: Distance between center of Ring tongue and diecasting surface 端子中心到应用面板距离

F: Diecasting Minimum thickness requirement 应用界面的最小厚度要求

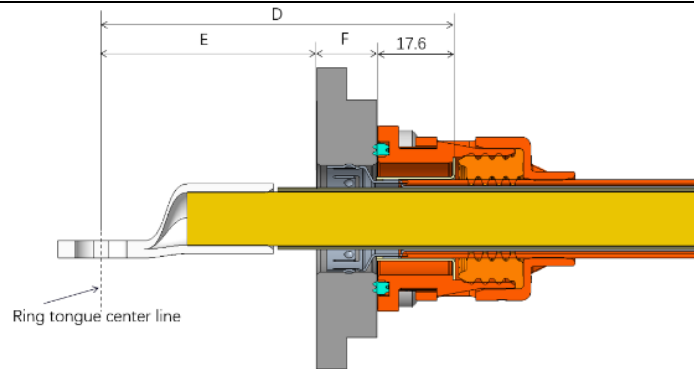


Figure 20: mounting Dimension illustration

WIRE CROSS SECTION	Application 1000VDC		
	DIM.D Min	DIM.E	DIM.F Min
50mm ²	78.6	47	14Min
70mm ²	81.6	50	14Min
95mm ²	91.6	60	14Min

Table 15: Mounting Dimension

Note:

1. Dimension E in the table 15 was determined by Min. creepage distance and Min. clearance according to DIN EN 60664-1: Max. altitude of 5500M, pollution degree II, Maximum Voltage 1000VDC, dielectric strength 4000VAC
 表格15中E尺寸取决最小爬电距离和电气间隙要求：依照DIN EN 60664-1：最大海拔高度5500m，污染等级II，最大电压1000VDC，耐电压4000VAC

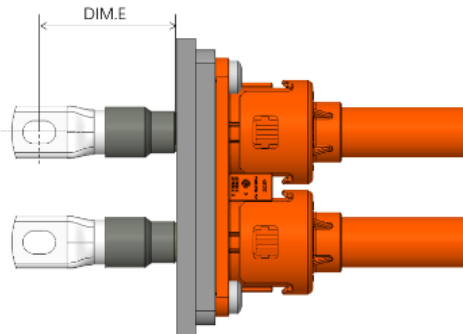


Figure 21: 1000VDC electrical distance requirement

2. DIM. F must meet Minimum thickness requirement: 14mm 尺寸F面板厚度必须满足最小14mm

3. DIM.D determined by DIM.E and DIM.F 尺寸D是由尺寸E和尺寸F决定

For example, under the requirement of 1000VDC, 4000VAC and degree of pollution 2, DIM.E must be 50mm Min. for 50/70/95mm² cable because of the limit of electrical clearance and creepage.

例如，在1000VDC，4000VAC，污染等级为2的要求下，由于爬电距离和电气间隙的限制，50/70/95平线缆的尺寸E必须满足最小50mm

DIM E: 50

DIM F: 14

DIM D= E+F+17.6=50+14+17.6=81.6



If Voltage 1000VDC and interface thickness of 14mm cannot meet your application, please contact with the responsible TE Connectivity employees. Cable assemble dimension will be adjusted and recommended again.

如果最大电压1000VDC和板厚14mm不能满足你的应用,请联系TE工作人员重新推荐压接线束的尺寸。

5.6 Dismounting instructions for the IPT-HD 产品拆卸说明

Step 1/步骤1 Dismount Ring tongue and busbar with special tool
用专用工具将端子和busbar铜排连接拆卸

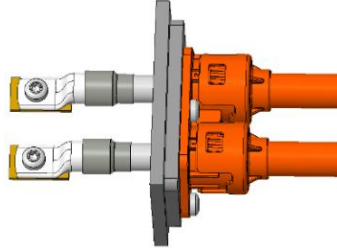


Figure 22: dismount Ring tongue

Step 2/步骤2 Dismount the M6 bolts then remove the whole assembly
拧下M6螺栓后将整个组件移除

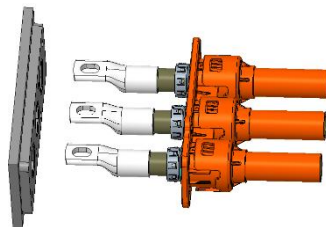


Figure 23: remove plug assembly

6. FINAL EXAMINATION 终检

6.1 Visual Examination 外观检查

After processing the connector assembly has to be checked of completeness, correctness acc. customer drawings and free of damage.

在装配连接器后，必须根据客户图纸进行完整性、正确性检查，且不能损坏。

6.2 Electrical Tests 电气测试

Electrical characteristic values according product specification TE-108-160480 / chapter 3.4 are ensured by applicator. The test parameter should be not exceeding the values shown in point 3.4.

使用方依据产品规范TE-108-160480第3.4章保证电气特性。测试参数不应超出规范3.4章的值。

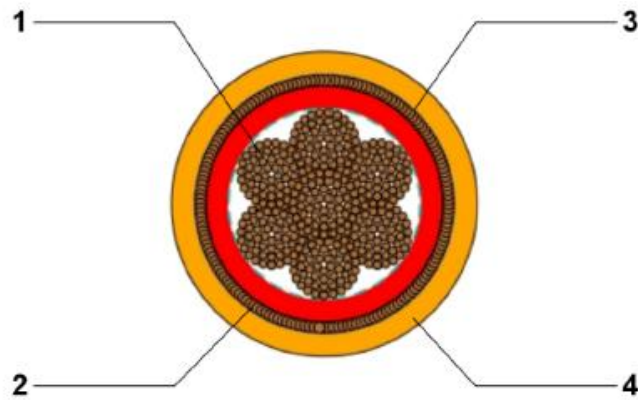
6.2.1 On-line electrical test 在线测试

Apply 4000VAC to the online samples for 60s , record the leakage current. Leakage current ≤ 10 mA.

施加4000VAC 60s 测试在线样品，记录电流泄漏量不超过10mA

7. APPENDIX 附录

7.1 ISO HUBER SUHNER 50/70/95mm²



1. 1 Core 50 mm²

2. EMC-screen optimized
3. Wrapping
4. Sheath

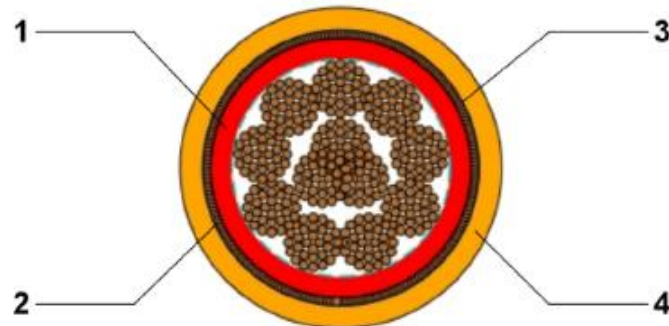
Conductor: stranded bare copper
Insulation: RADOX 155
Colour: red
Tin plated copper braid
Tape
RADOX Elastomer S
Colour: orange

385 x 0.41 mm D
D: 11.50 ± 0.25 mm

D: 12.7 mm

D: 14.9 ± 0.3 mm

Figure 24: ISO HUBER SUHNER 50mm² Part No: 84096257



1. 1 Core 70 mm²

2. EMC-screen optimized
3. Wrapping
4. Sheath

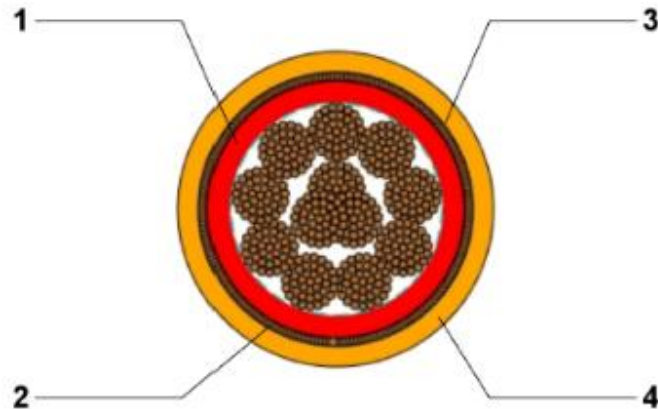
Conductor: stranded bare copper
Insulation: RADOX 155
Colour: red
Tin plated copper braid
Tape
RADOX Elastomer S
Colour: orange

360 x 0.51 mm D
D: 13.70 ± 0.25 mm

D: 14.6 mm

D: 17.0 ± 0.3 mm

Figure 25: ISO HUBER SUHNER 70mm² Part No: 84100298



- 1. 1 Core 95 mm²
- 2. EMC-screen optimized
- 3. Wrapping
- 4. Sheath

Conductor: stranded bare copper
 Insulation: RADOX 155
 Colour: red
 Tin plated copper braid
 Tape
 RADOX Elastomer S
 Colour: orange

480 x 0.51 mm D
 D: 16.25 ± 0.30 mm
 D: 17.4 mm
 D: 19.9 ± 0.4 mm

Figure 26: ISO HUBER SUHNER 95mm² part No: 84100299

8. APPENDIX: REVISION RECORD 附录.版本记录

REV.	DESCRIPTION CHANGE	RESPONSIBLE	DATE
B2	Figure 12: Added flange deformation control	H.W	23APR2023
C	Change gap from 1mm MAX to 3mm REF between terminal and inner wire	H.W	04SEP2024
D	1、 Add the info. of transportation cap	H.W	28OCT2024
E	1. Page 4-10: Add new terminals and crimping information 2. Page 11/12: Add cutting dimensions for new terminals 3. Page 14: Add shielding crimp pull force test setup	K.Z	3DEC2025