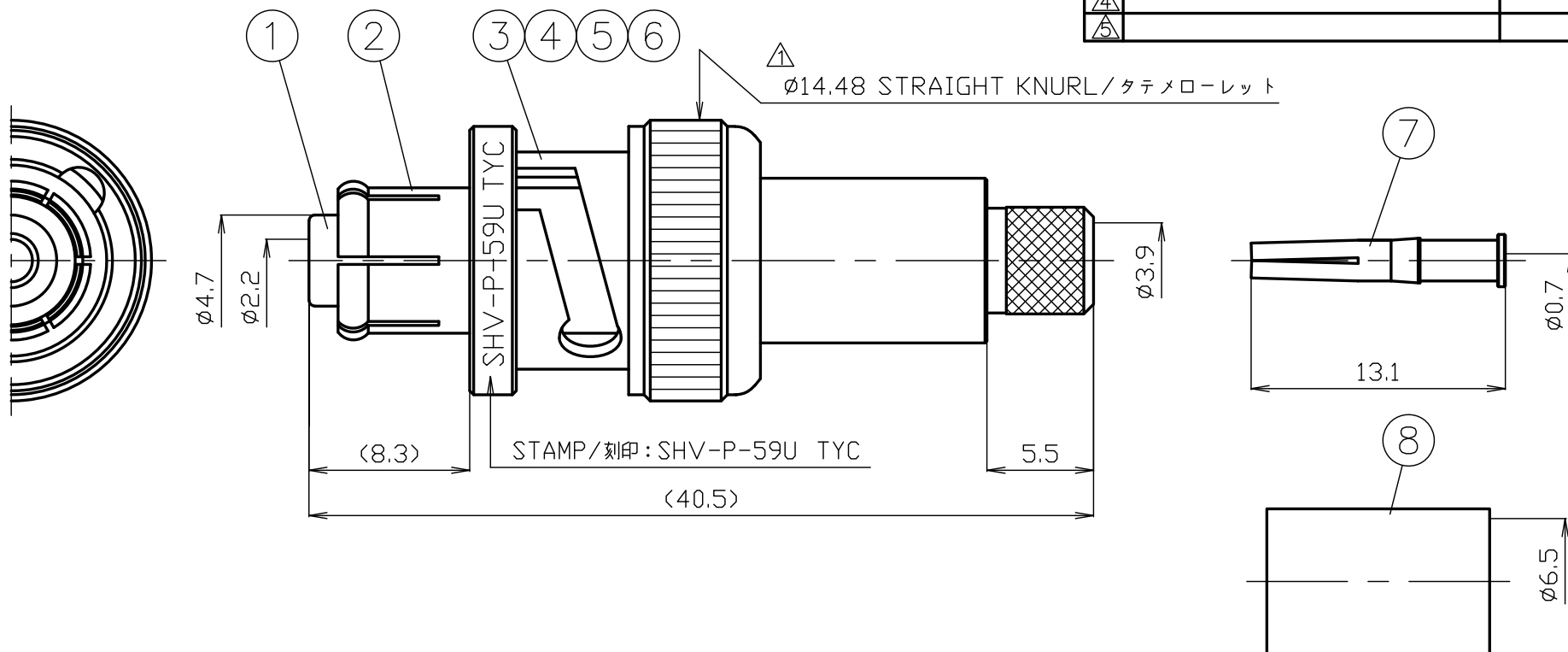


NO.	REVISION	DATA	CHECKED
1	ø13.84 → ø14.48 寸法変更	2015.01.30	山本
2	部品名変更「シェル→本体」「テフロソ→PTFE」、図様変更、英語追記	2023.07.27	山本
3			
4			
5			



※1: PHOSPHOR BRONZE / リン青銅

※2: CARBON STEEL / 炭素工具鋼

RoHS Compliant Cd ≤75ppm	
REMARKS	BRASS: Cd ≤75ppm PHOSPHOR BRONZE: Pb <4wt%

NO.	DESCRIPTION	MATERIAL	Q'TY	FINISH	REMARK	DATE	PROJECTION	DRAWN	CHECKED	APPROVED	CONFIRMATION	PART NUMBER
8	FERRULE / 圧着スリーブ	BRASS / 黄銅	1	Ni		2015.01.07	3/1	渡邊	檜	山	三	SHVP-59/U
7	CENTER PIN / 中心コンタクト	※1	1	Au				'23.07.27	'23.07.27	'23.07.27	'23.07.27	
6	WASHER / フッシャー	CARBON STEEL / 鉄	1	Ni				直弘	澤	本	村	
5	SPRING / ウェーブフッシャー	※2	2	Ni								
4	GASKET / ガスケット	SILICONE / シリコンゴム	1	--								
3	SHELL / 接続スリーブ	BRASS / 黄銅	1	Ni								DRAWING NO. D-1013872
2	BODY / 本体	BRASS / 黄銅	1	Ni								
1	INSULATOR / 絶縁体	PTFE	1	--								
NO.	DESCRIPTION	MATERIAL	Q'TY	FINISH	REMARK	DATE	PROJECTION	株式会社 トーコンネ TO-CONN CO., LTD.				

PRODUCT SPECIFICATION

Part number: SHVP-59/U

No. 1011687

Drawing number: D-1013872

Nominal 1 参考規格／Standard

MIL-C- 39012

2 定格電圧／Voltage rating

AC 3500V

3 定格周波数／Frequency range

適用しない／Not applicable

4 公称インピーダンス／Impedance

不整合／Mismatch

5 使用温度範囲／Operating Tempture Range

-40℃～+85℃



	Test Items	Test Method／Value	Remarks
1	絶縁抵抗 Insulation Resistance	1000MΩ(Min.) at DC 500V	
2	耐電圧 Withstand voltage	1 minute at AC 5000V	
3	接触抵抗 Contact resistance	Inner conductor : 3mΩ(Max.)	
4	互換性 Compatibility	異常なく結合すること／No defects or abnormalities	規格に準ずるコネクタと 結合したとき Mating with connector complying with the standard
5	結合部接続強度 Tensile strength of coupling mechanism	245N (軸方向引張力にて / At axial tensile force) 245N・cm (接続スリーブにて / For shell)	
6	ケーブル接続強度 Cable tensile strength	98N(Min.)	軸方向引張力にて At axial tensile force
7	雌コンタクトの保持力 Center contact retaining force	0.56N(Min.)	規格ピンゲージにて With a standard pin gauge

※構造形状は添付図に示す (図番 : D-1013872)

The structural shape is shown in the attached drawing (Drawing number:D-1013872)

	REVISIONS	DATE
1	書式変更、「構造形状」削除、定格電圧・使用温度範囲・英訳追記	2023.07.27
2		

Checked	Approved	Proof mark	Prepared
三 23.07.27 村	山 23.07.27 本	檜 23.07.27 澤	渡邊 23.07.27 直弘

GKQM-19

SHVP-59/U Cable Assembly Instructions

Cable group RG-59/U

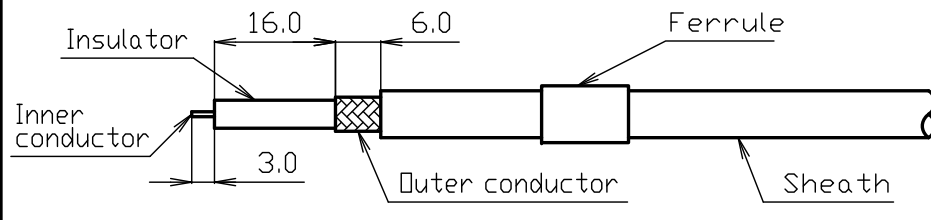
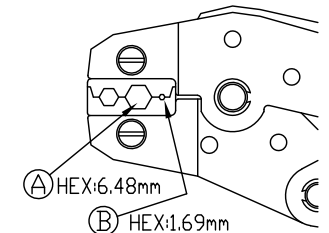
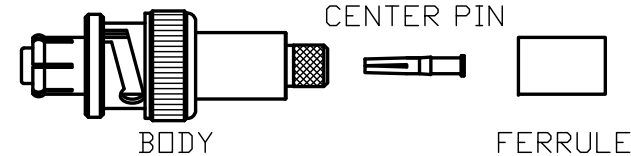
Crimping Tool(Exclusive)
TA-34(Shown on body : DCC 1113)

DRAWING NO. D-1013872

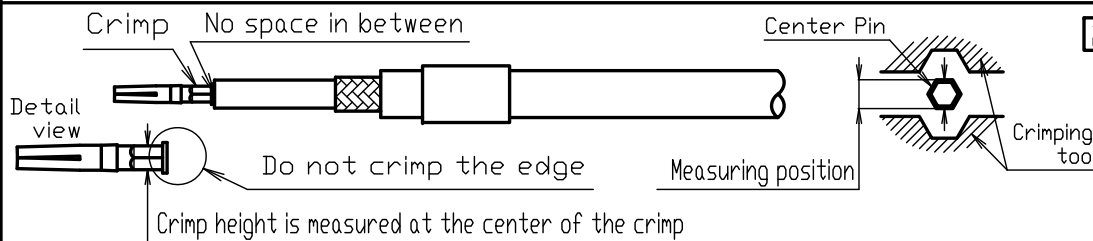


DRAWN	CHECKED	APPROVED	CONFIRMATION
渡邊 '23,07,27 直弘	檜 '23,07,27 澤	山 '23,07,27 本	三 '23,07,27 村

All parts of the connector as shown



- Slide the ferrule over the cable as shown, Strip the sheath, outer conductor and insulator to the dimensions indicated in the diagram.

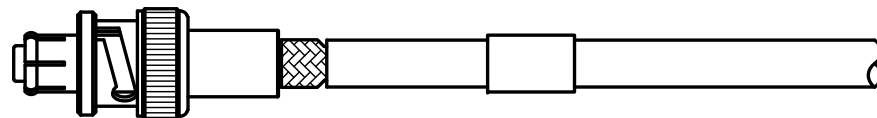
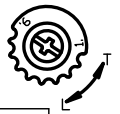


- Place center pin onto inner conductor so it butts against cable dielectric. Crimp the center pin with crimping tool "B" part.(=crimp height:1.90~2.00mm) Pull the center pin lightly to confirm that the center pin is firmly secured.

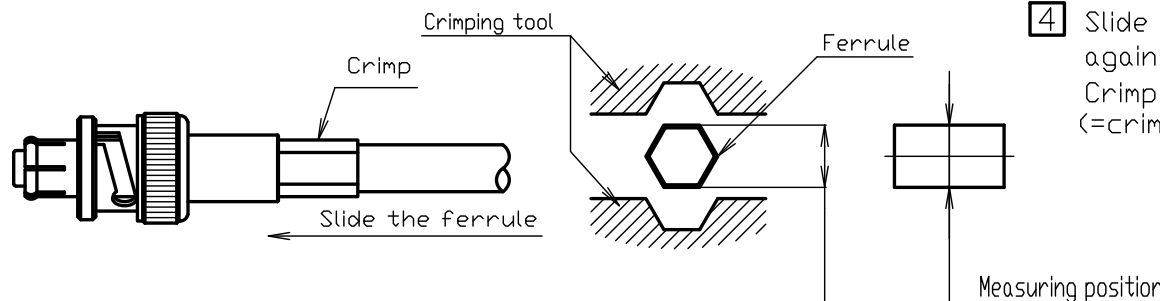
ATTENTION

Do not crimp the edge of the center pin.

Tensile strength dial



- Insert body in between the insulator and the outer conductor as shown in diagram. At this time, confirm that the center pin has entered the fixed position.



- Slide the ferrule over the outer conductor and up against connector body. Crimp ferrule tightly with crimping tool "A" part. (=crimp height :6.62~6.82mm)

Tensile strength dial

