

*1: Phosphor bronze

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

NO.	DESCRIPTION	MATERIAL	Q'TY	FINISH	REMARK	DATE	PROJECTION	DRAWN	CHECKED	APPROVED	CONFIRMATION	PART NUMBER	DRAWING NO.
8	FERRULE	BRASS	1	Ni		2023.06.15		渡邊	檜	山	三	SHVP-58/U	D-1013871
7	CENTER PIN	*1	1	Au				'23,06,15	'23,06,15	'23,06,15	'23,06,15		
6	WASHER	FE	1	Ni				直弘	澤	本	村		
5	SPRING	SK5	2	Ni									
4	GASKET	SILICONE	1	--									
3	SHELL	BRASS	1	Ni									
2	BODY	BRASS	1	Ni									
1	INSULATOR	PTFE	1	--									

PRODUCT SPECIFICATION

Part number: SHVP-58/U

No. 1011672

Drawing number: D-1013871

Nominal 1 Standard MIL-C-39012
 2 Voltage rating AC 3500V
 3 Frequency range Not applicable
 4 Impedance Mismatch
 5 Operating Temperature Range -40°C ~ +85°C



株式会社 トーコネ
 TO-CONNE CO., LTD.

	Test Items	Procedures/Test Method	Requirements
1	Design and Construction	Specified on relevant product drawing (Drawing number: D-1013871)	No defects or abnormalities
2	Materials		
3	Finish		
4	Insulation Resistance	DC 500V	1000 MΩ (Min.)
5	Withstand voltage	1 minute at AC 5000V	No defects or abnormalities
6	Contact resistance	The method of which, the voltage drop of the contact duration should not exceed about 1-kHz AC or 1mV DC	Between inner conductors 3mΩ (Max.)
7	Compatibility	Mating with connector complying with the standard	No defects or abnormalities
8	Tensile strength of coupling mechanism	When axial tensile force of 250N is applied	No defects or abnormalities
9	Cable tensile strength	Axial tensile force of 98N is applied	No defects or abnormalities
10	Center contact retaining force	When the retaining force is measured with a standard pin gauge	0.56N(Min.)
11	Cable group	RG-58/U、RG-58A/U	

	REVISIONS	DATE
1		
2		
3		

Checked	Approved	Proof mark	Prepared

GKQM-7

SHVP-58/U Cable Assembly Instructions

Cable group RG-58/U, RG-58A/U

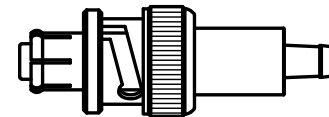
Crimping Tool(Exclusive)
TA-34(Shown on body : DCC 1113)

DRAWING NO. D-1013871



DRAWN	CHECKED	APPROVED	CONFIRMATION
渡邊 '23,06,15 直弘	檜 '23,06,15 澤	山 '23,06,15 本	三 '23,06,15 村

All parts of the connector as shown



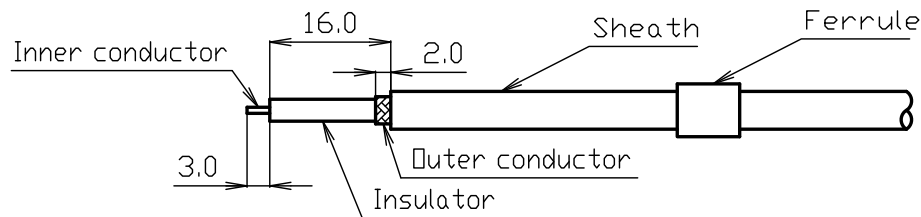
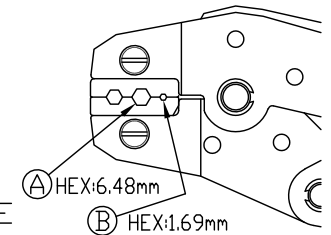
SHELL



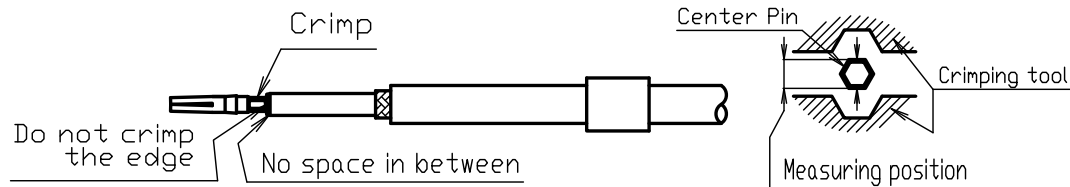
CENTER PIN



FERRULE



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

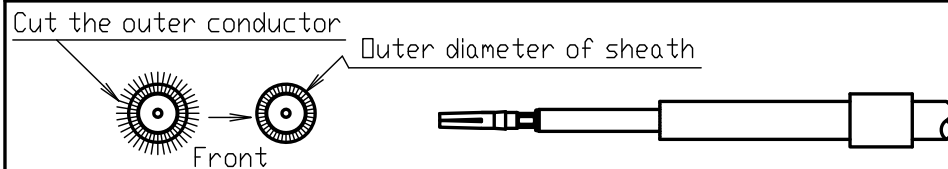


- Place center pin onto inner conductor so it butts against cable dielectric. Crimp the center pin with crimping tool "B" part.(=crimp height:1.82~1.90mm) Pull the center pin lightly to confirm that the center pin is firmly secured.

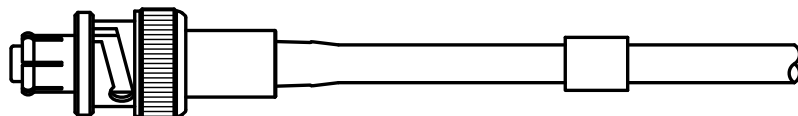
ATTENTION

Do not crimp the edge of the center pin.

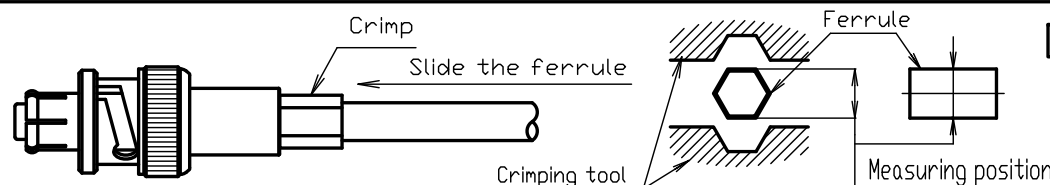
Tensile strength dial



- Flare slightly end of cable braid as shown. Trim braid to the sheath's outer diameter.



- Insert shell in between the insulator and the outer conductor as shown in diagram. At this time, insert the coaxial cable until the insulator hits the back of the shell.



- Slide the ferrule over the outer conductor and up against connector body. Crimp ferrule tightly with crimping tool "A" part. (=crimp height :6.53~6.57mm)

Tensile strength dial

