

HRS
TM21 Modular
Connectors



HRS TM21 Modular Connectors Installation Guide

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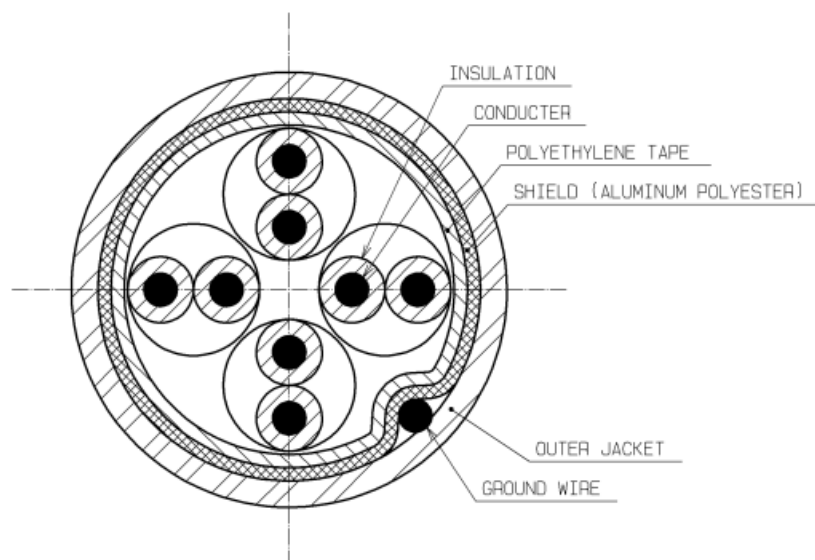
HRS TM21 Modular Connectors



APPLICATION

THIS DOCUMENT DEFINES CABLE ASSEMBLY METHOD FOR TM21P-88P. THIS CABLE ASSEMBLY METHOD IS FOR HIROSE APPROVED CABLE.

MANUFACTURE	OKI ELECTRIC CABLE CO LTD
PRODUCT NAME	0.5 4P F-DTI-CT(SLA)
CONDUCTOR SIZE	Ø0.5mm SOLID WIRE
INSULATION DIAMETER	Ø1mm
GROUND WIRE	AWG#26 (TIN COAT WIRE)
OUTER JACKET DIAMETER	Ø6.5mm



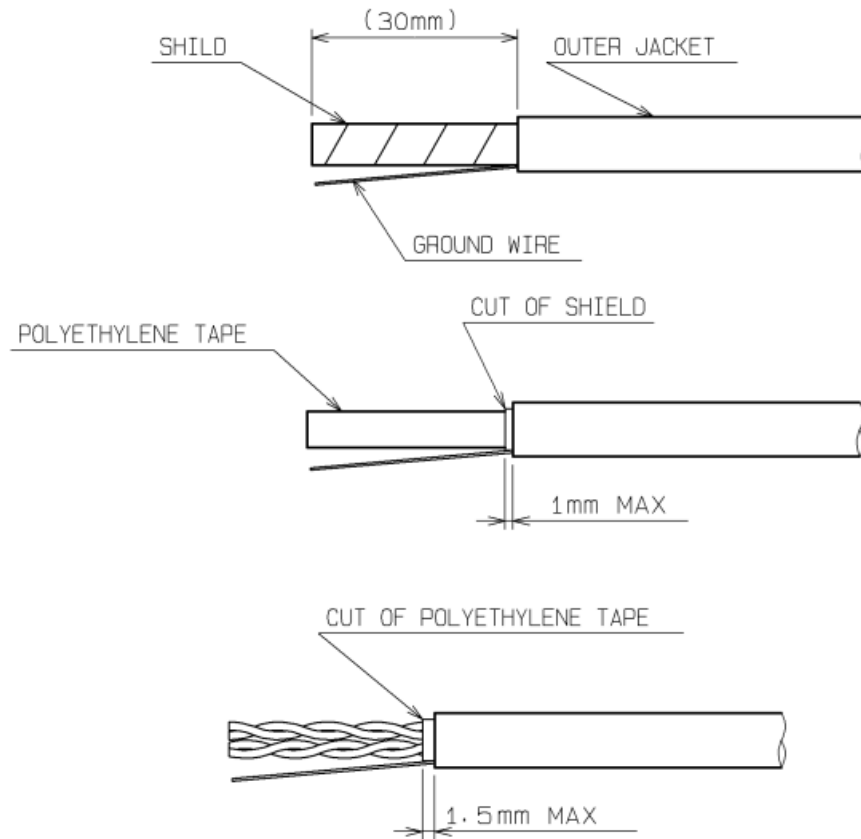
PLUG WIRING TOOL

	TOOL NAME	TOOL CL NO.
HAND TOOL	HT601/TM21P-88P	CL902-2133-1

CABLE ASSEMBLY METHOD

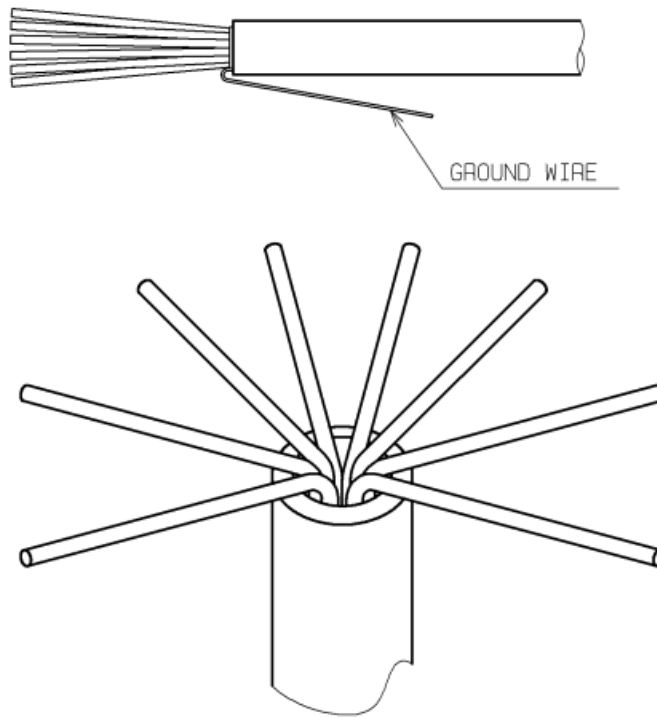
CABLE END TREATMENT

1. STRIP OF OUTER JACKET STRIP OUTER JACKET NOT TO CRACK INSULATION CONDUCTOR.
2. CUT OF SHIELD: CUT SHIELD BY EDGE OF OUTER JACKET.
3. CUT OF POLYETHYLENE TAPE CUT POLYETHYLENE TAPE BY EDGE OF OUTER JACKET.



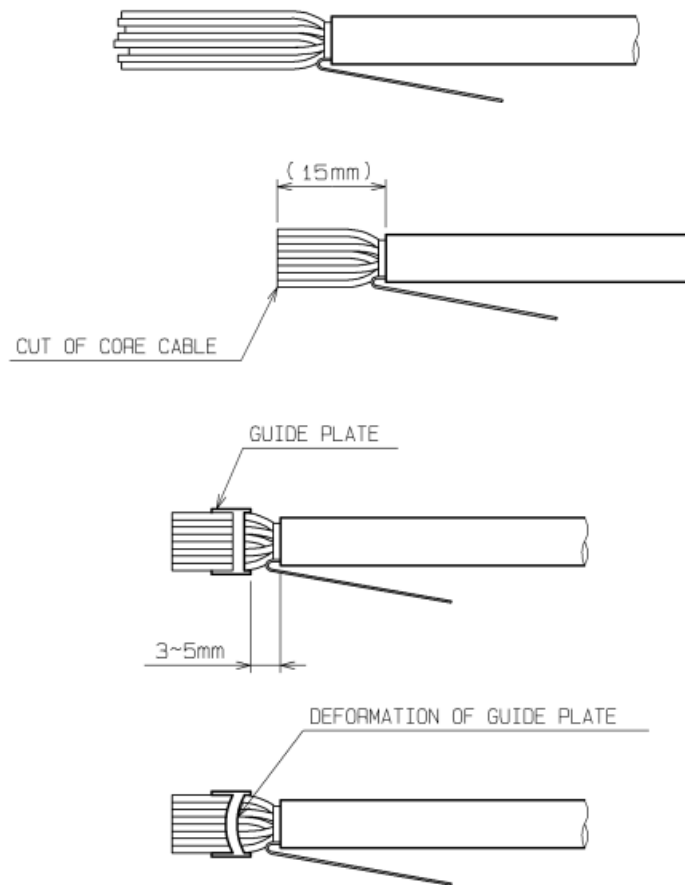
CORE CABLE FORMING

1. DRESS STRAIGHT OF TWISTED PAIR CABLE CORE CABLE TO BE DRESSED STRAIGHT WITH NO BUDGE TO END OF OUTER JACKET. THE GROUND WIRE MUST BE FOLDED AS SHOWN.
2. SPRED CORE CABLE SPREAD CORE CABLE ACCORDING TO CONNECTOR PIN ASSIGNMENT.



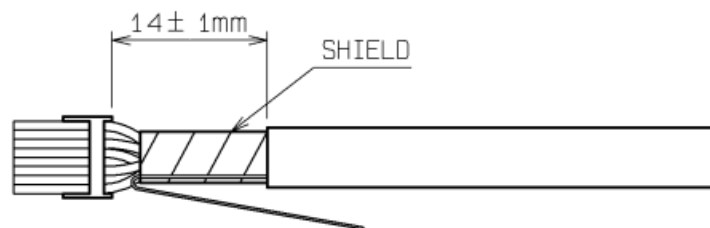
CABLE ARRANGEMENT

1. ARRANGEMENT OF CORE CABLE ARRANGE CORE CABLE ACCORDING TO CONNECTOR PIN ASSIGNMENT.
2. DRESS ALL EXCESS CORE CABLE (1) DRESS ALL EXCESS CORE CABLE. EASY INSTALLATION GUIDE PLATE.
3. INSTALL GUIDE PLATE INSTALL GUIDE PLATE WITH A CLEARANCE OF 3~5mm FROM THE END OF THE OUTER JACKET. SHOULD BE NO DEFORMATION OF GUIDE PLATE.

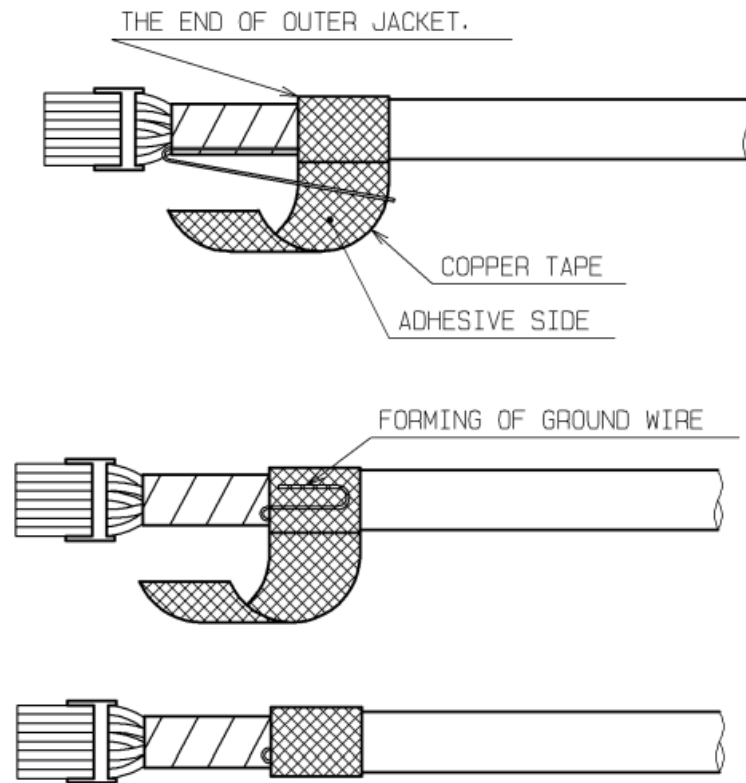


CABLE AND TREATMENT (2)

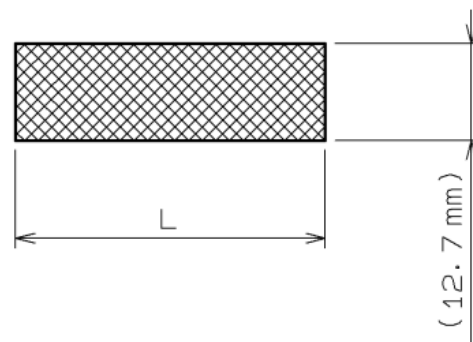
1. STRIP OUTER JACKET STRIP OUTER JACKET WITH A CLEARANCE OF 14 ± 1mm FROM GUIDE PLATE. REMAIN SHIELD.



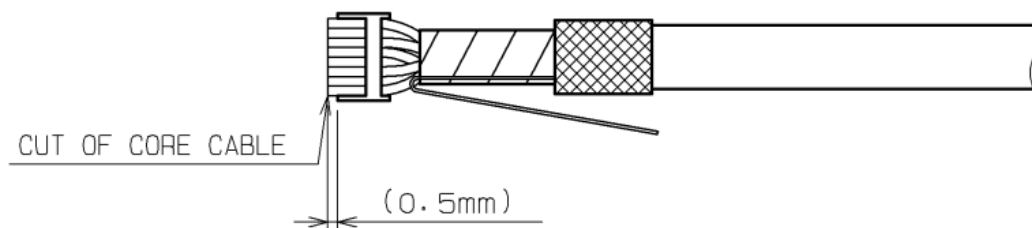
2. COIL COPPER TAPE (1) COIL COPPER TAPE (12. 7mm WTOTH) ONF TLIRN.
3. FORMING OF GROUND WIRE DRESS GROUND WIRE IS SHOWN. CUT EXCESS GROUND WIRE FROM COPPER TAPE.
4. COIL COPPER TAPE (2) COIL THE REMAINDER OF COPPER TAPE.



5. THE LENGTH OF COPPER TAPE DIAMETER OF COPPER TAPE PORTION SHOULD BE ABOUT 6.8mm. EXCEPT GROUND WIRE AREA. (REF: L=32mm LENGTH FOR DIAMETER 6.5mm CABLE)

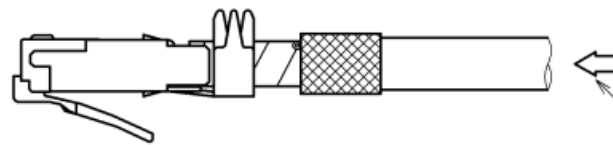
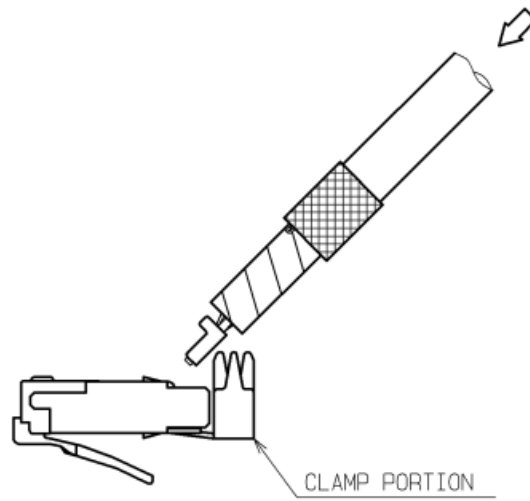


6. DRESS ALL EXCESS CORE CABLE (2) DRESS ALL EXCESS CORE CABLE WITH A CLEARANCE OF 0.5mm FROM TIP TO GUIDE PLATE.

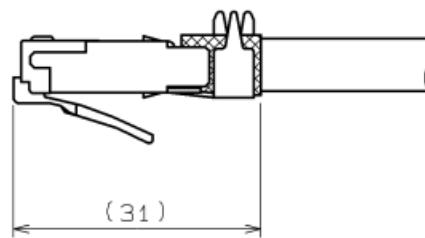


INSTALL GUIDE PLATE INTO PLUG BODY

1. INSTALL GUIDE PLATE AS SHOWN SO THAT GUIDE PLATE DOES NOT CONTACT CLUMP PORTION. PUSH THE GUIDE PLATE INTO THE BOTTOM SURFACE OF PLUG BODY.

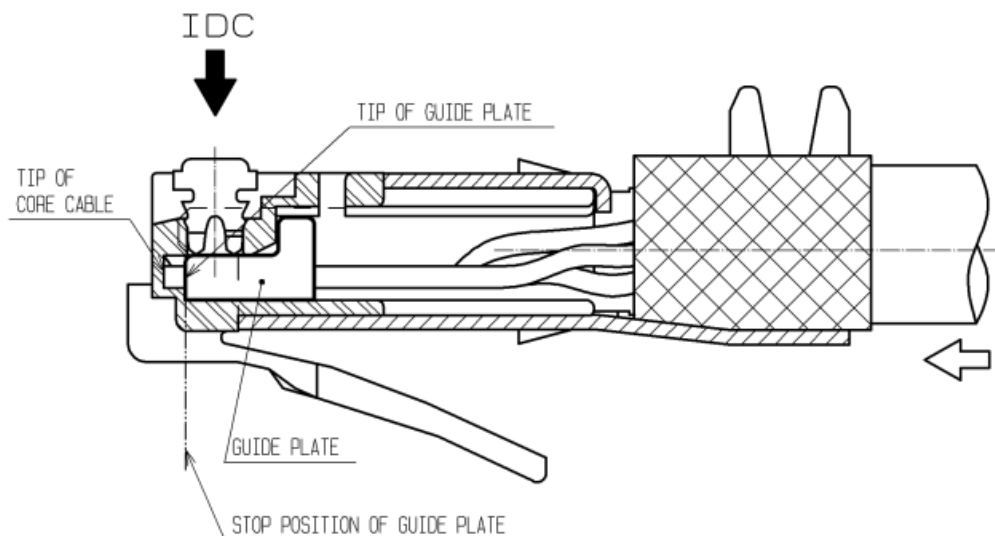


PUSH AND ENSURE CORE CABLE CONTACT WITH BOTTOM SURFACE OF PLUG BODY



IDC TERMINATION

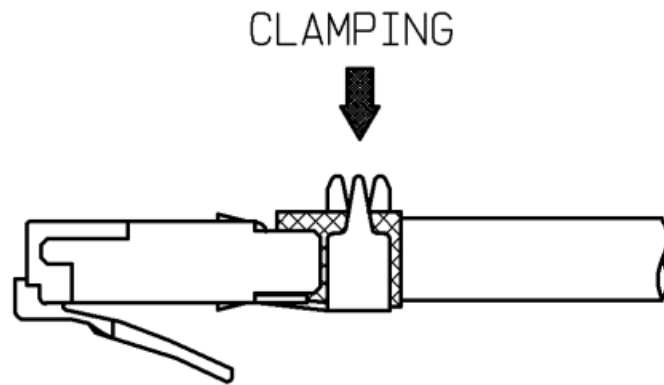
1. CAUTION OF IDC TERMINATION CHECK IF CORE CABLE CONTACT WITH BOTTOM SURFACE OF PLUG BODY AND ASSEMBLY BY HIROSE IDC TOOLING. WHEN ASSEMBLY, PUSH CABLE TIGHT AS SHOWN.



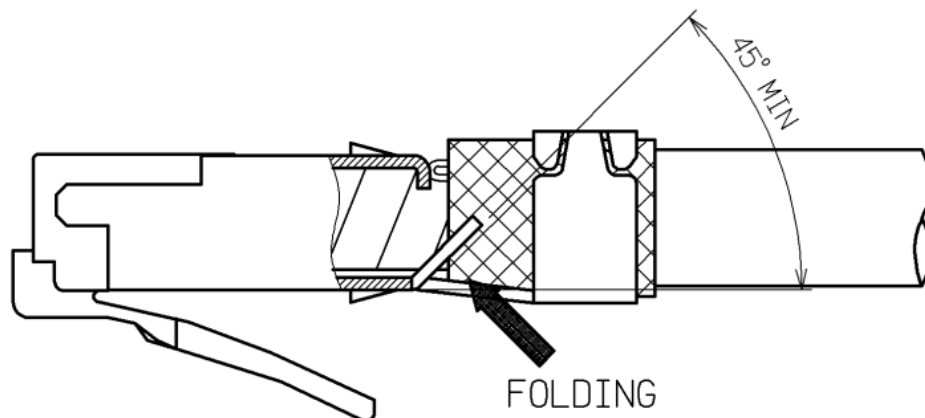
2. IDC HEIGHT IDC HEIGHT SHOULD BE AS SHOWN.

CABLE CLAMPING AND FOLDING GROUND PLATE

1. CABLE CLAMPING CLAMP BY HIROSE CLAMPING TOOLING. CABLE CLAMP HEIGHT 1 C/H: 6. 5~6. 9mm
CABLE TENSILE FORCE 78. 4N (8Kg) MIN

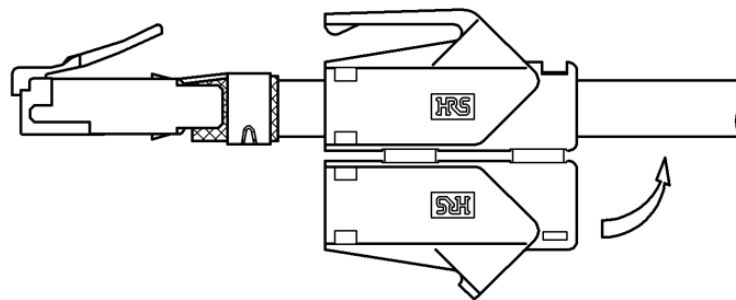


2. FOLDING GROUND PLATE GROUND PLATE TO BE FOLDED AS SHOWN. FOLDED AT 45 DEGREES OR MORE.

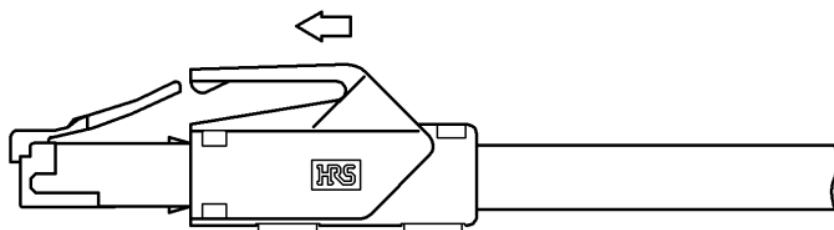


ATTACHMENT OF COVER

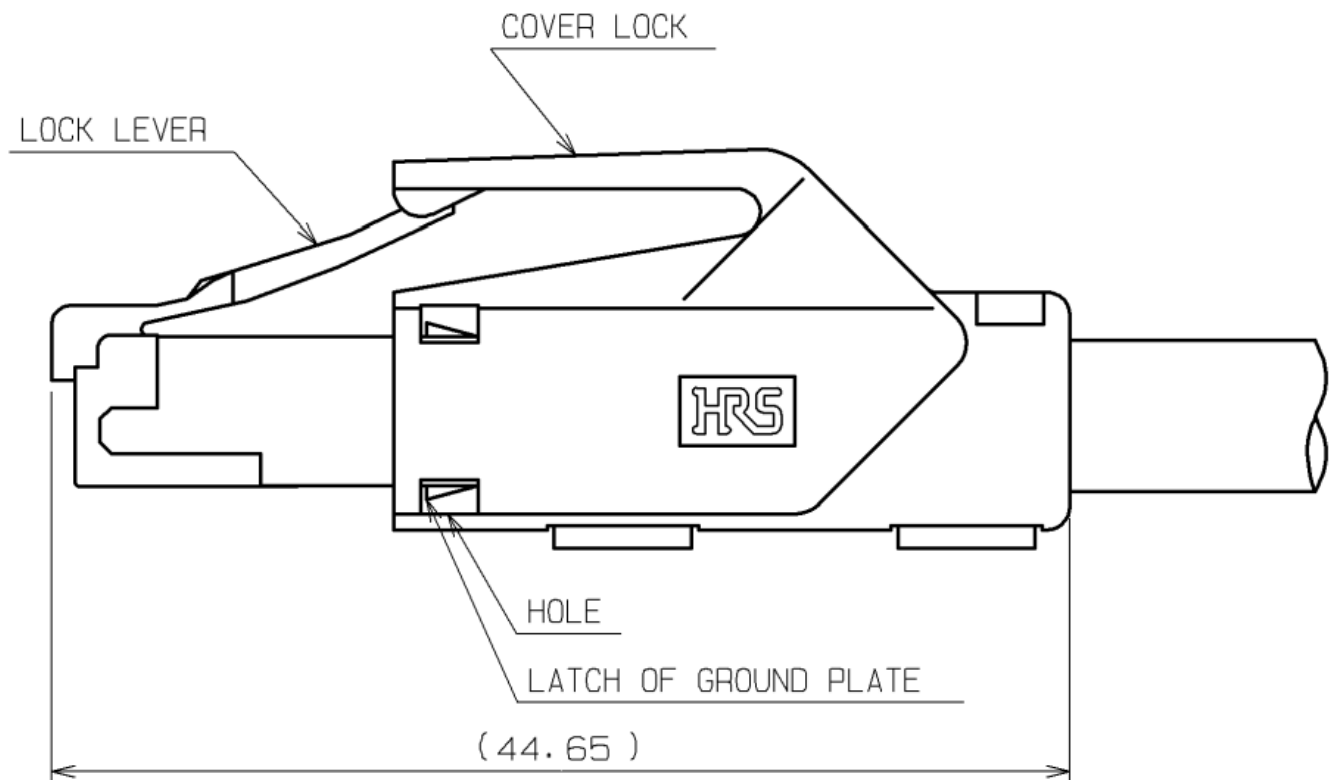
1. ASSEMBLY OF COVER ATTACH COVER TO CABLE. AND SNAP COVER.



2. INSTALL COVER INSTALL SNAPPED COVER INTO PLUG BODY.



3. CAUTION WHEN INSTALLING COVER GROUND LATCH MUST LOCK WITH HOLE COMPLETELY. SHOULD BE NO EXCESS COPPER TAPE FROM COVER. CHECK IF LOCK LEVER CAN BE MOVED BY PUSHING COVER LOCK.



Documents / Resources



[HRS TM21 Modular Connectors](#) [pdf] Installation Guide

TM21P-88P 22, CL0222-2862-9-22, TM21 Modular Connectors, TM21, Modular Connectors, Connectors

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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