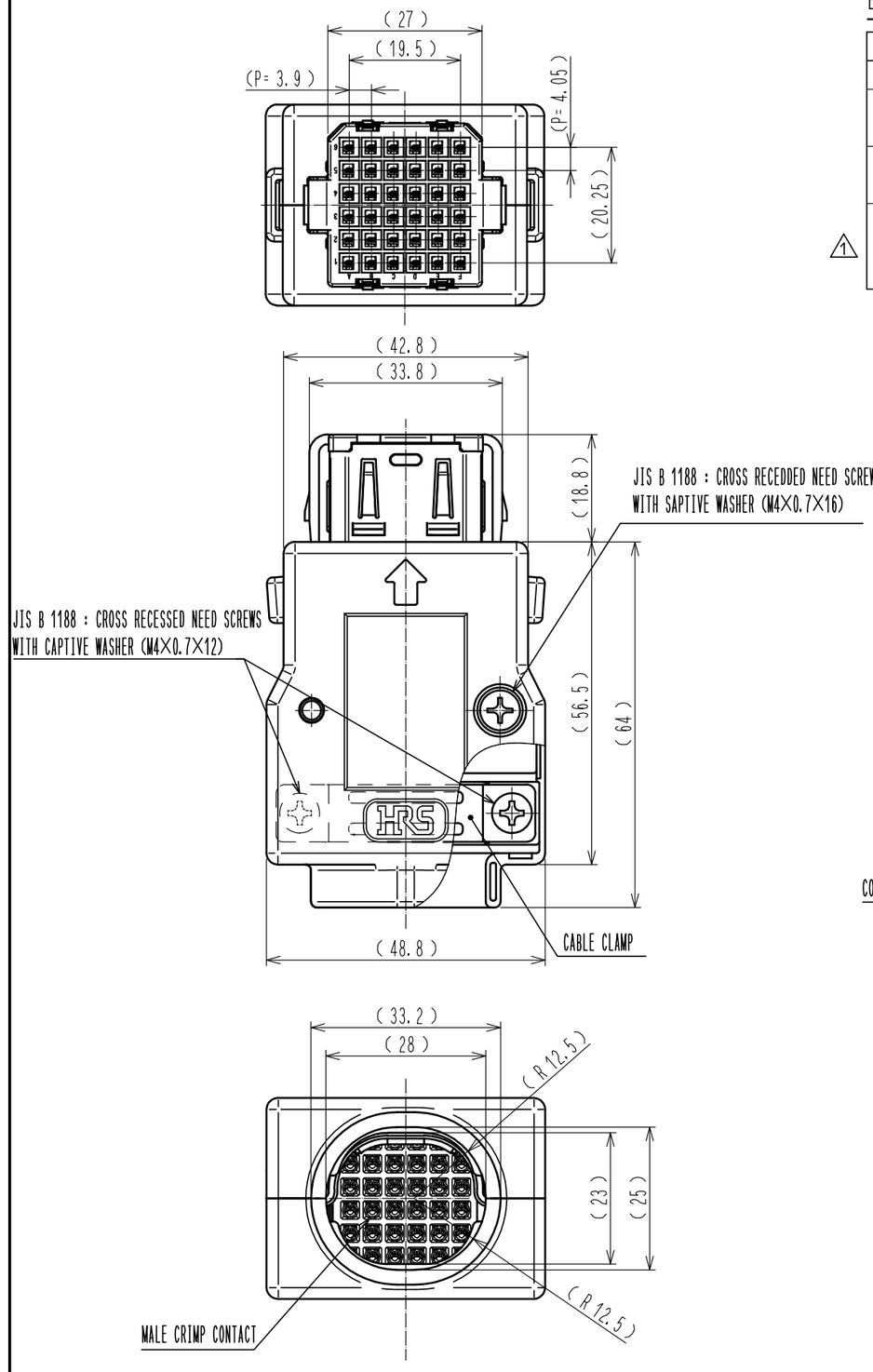
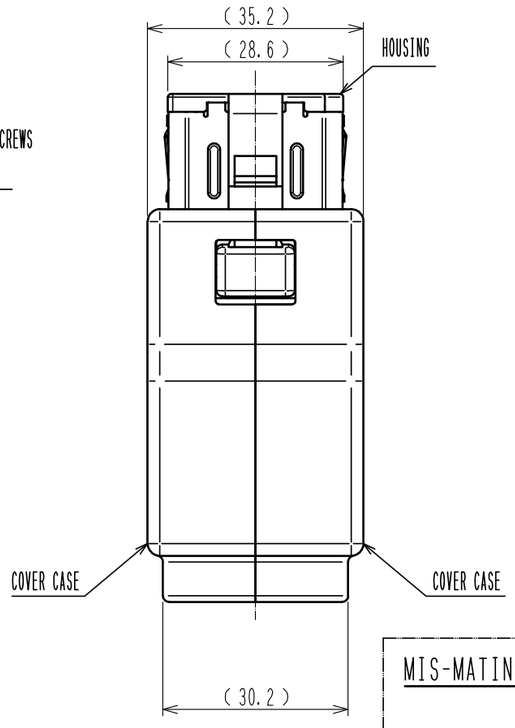
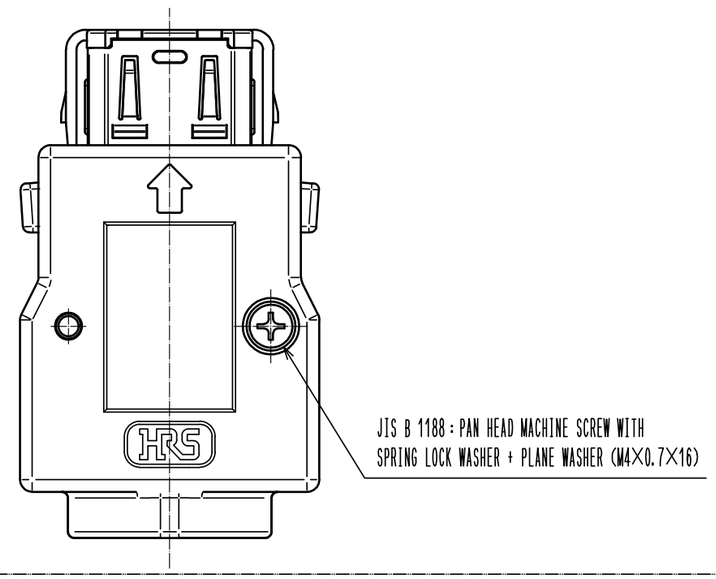
CABLE PLUG (MALE CONTACT, PQ50S SERIES 36positions. TYPE)



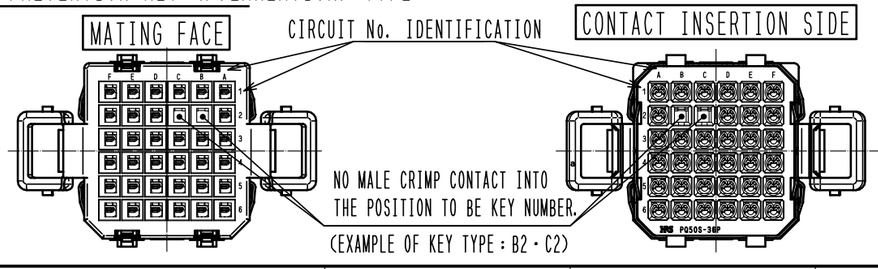
BILL OF MATERIAL FOR A CABLE PLUG (MALE CONTACT) REQUIRED QUANTITY

	COMPONENT		REQUIERD QUANTITY	PART No.	CL No.	REMARKS
	HOUSING		1	PQ50S-36P	CL236-2123-0	THE PRODUCT IS A HOUSING WITH TWO SHIELD SHELLS ASSEMBLED IN A P-INSULATED CASE.
	COVER CASE		2	PQ50-20P-PC	CL236-2000-8	TWO PIECES OF SINGLE-UNIT ARE USED. JIS B 1188 : CROSS RECESSED NEED SCREWS WITH CAPTIVE WASHER (M4×0.7×16) ATTACHMENT
	CABLE CLAMP		1	PQ-CM(22.0) or PQ-CM(15.0)	CL236-2013-0 or CL236-2005-1	APPLICABLE CABLE OUTER DIA : φ22mm or φ15mm JIS B 1188 : CROSS RECESSED NEED SCREWS WITH CAPTIVE WASHER (M4×0.7×12) ATTACHMENT
△1	MALE CRIMP CONTACT (STANDARD CONTACT)	①	REQUIRED NUMBER	PQ50S2-1618PCFA	CL236-0032-0	APPLICABLE WIRE : UL1007 AWG#16～18、UL1015 AWG#16～18
		②	REQUIRED NUMBER	PQ50S2-1822PCFA	CL236-0035-0	APPLICABLE WIRE : UL1007 AWG#18～22、UL1015 AWG#18～22
		③	REQUIRED NUMBER	PQ50S2-2428PCFA	CL236-0038-0	APPLICABLE WIRE : UL1007 AWG#24～28、UL1015 AWG#24～28





MIS-MATING PREVENTION KEY (POLARZATION) TYPE



	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
△1	3	DIS-E-00014649	KIM JAEHYEON	KG. OKITA	20230901

TITLE: PQ50S SRIESE 36positions. TYPE ASSEMBLED & MATED CONDITION

HIROSE ELECTRIC CO., LTD.

APPROVED	MN. KENJO	20220106
CHECKED	KG. OKITA	20220106
CHARGED	HY. MATSUDA	20211229
WRITTEN	KH. KOGI	20211229

TECHNICAL SPECIFICATION | ETAD-E3185-00 | △1 | 1/5

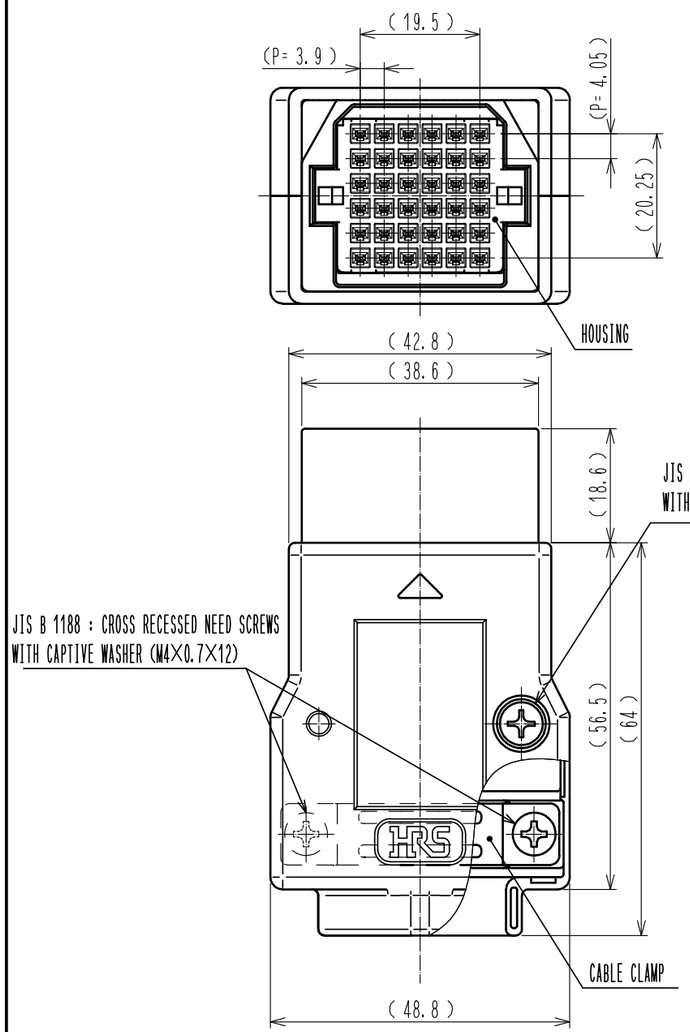
FORM 213-1-1

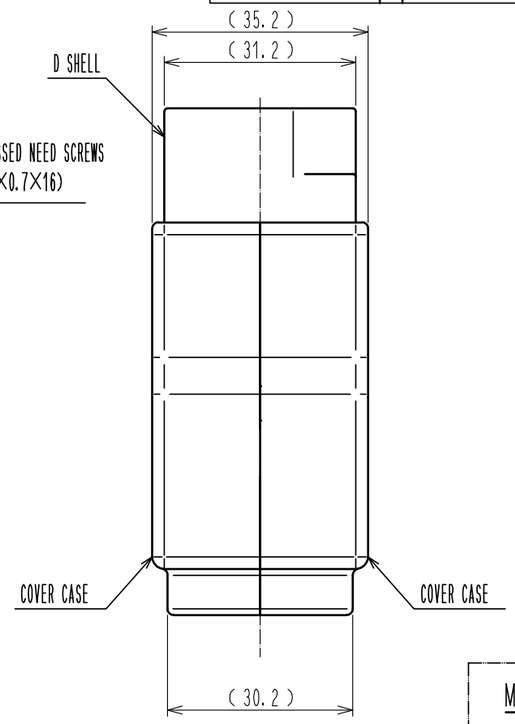
May.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.

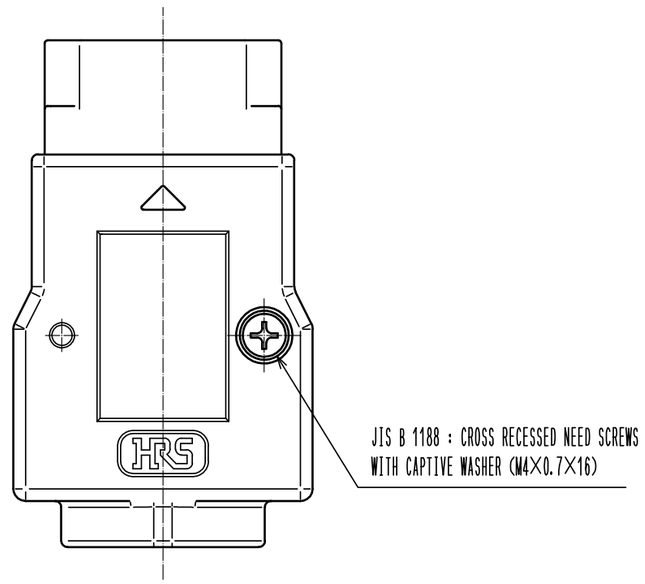
IN-LINE RECEPTACLE (FEMALE CONTACT, PQ50S SERIES 36positions. TYPE)

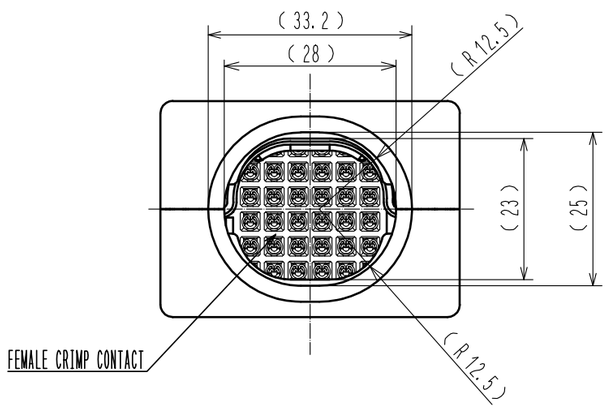
BILL OF MATERIAL FOR AN IN-LINE RECEPTACLE (FEMALE CONTACT) REQUIRED QUANTITY

	COMPONENT		REQUIERD QUANTITY	PART No.	CL No.	REMARKS
	HOUSING		1	PQ50S-36S	CL236-2122-0	THE PRODUCT IS ONLY AVAILABLE IN S INSULATED CASE.
	D SHELL		1	PQ50-20S-DS	CL236-2015-5	
	COVER CASE		2	PQ50-20S-JC	CL236-2002-3	TWO PIECES OF SINGLE-UNIT ARE USED. JIS B 1188 : CROSS RECESSED NEED SCREWS WITH CAPTIVE WASHER (M4×0.7×16) ATTACHMENT
	CABLE CLAMP		1	PQ-CM(22.0) or PQ-CM(15.0)	CL236-2013-0 or CL236-2005-1	APPLICABLE CABLE OUTER DIA : φ22mm or φ15mm JIS B 1188 : CROSS RECESSED NEED SCREWS WITH CAPTIVE WASHER (M4×0.7×12) ATTACHMENT
△1	FEMALE CRIMP CONTACT	① REQUIRED NUMBER		PQ50S2-1618SCFA	CL236-0042-0	APPLICABLE WIRE : UL1007 AWG#16～18、UL1015 AWG#16～18
		② REQUIRED NUMBER		PQ50S2-1822SCFA	CL236-0036-0	APPLICABLE WIRE : UL1007 AWG#18～22、UL1015 AWG#18～22
		③ REQUIRED NUMBER		PQ50S2-2428SCFA	CL236-0039-0	APPLICABLE WIRE : UL1007 AWG#24～28、UL1015 AWG#24～28
	CODING KEY	④ REQUIRED NUMBER		PQ50S-SC-KY	CL236-2033-7	DUMMY CONTACT FOR MIS-MATING PREVENTION.

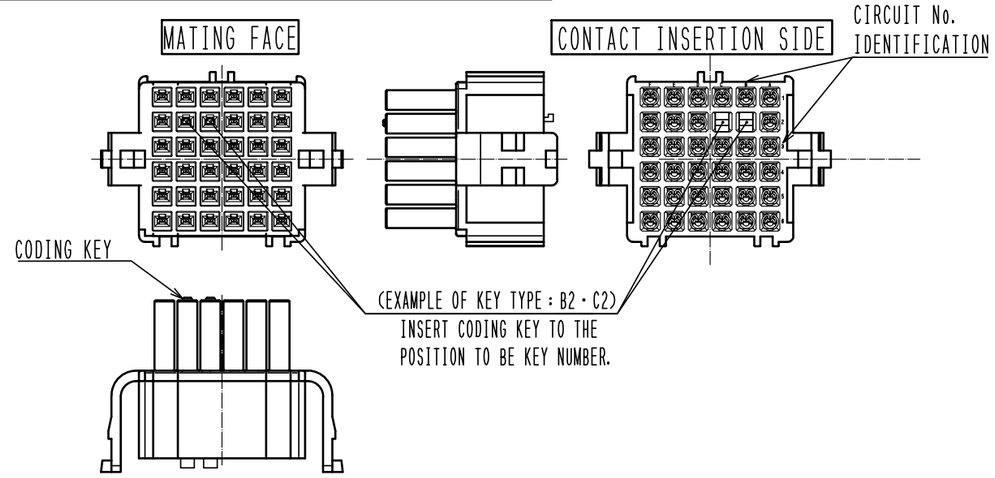








MIS-MATING PREVENTION KEY (POLARIZATION) TYPE



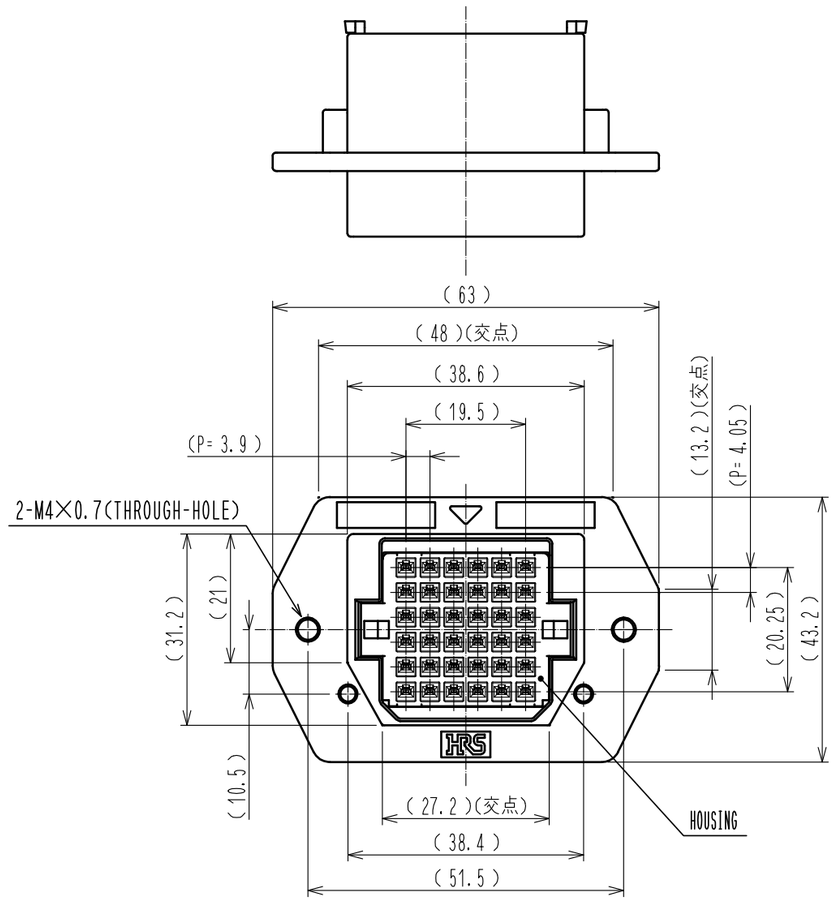
FORM 213-2-2

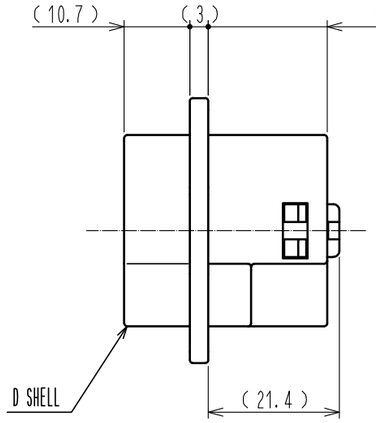
May.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.

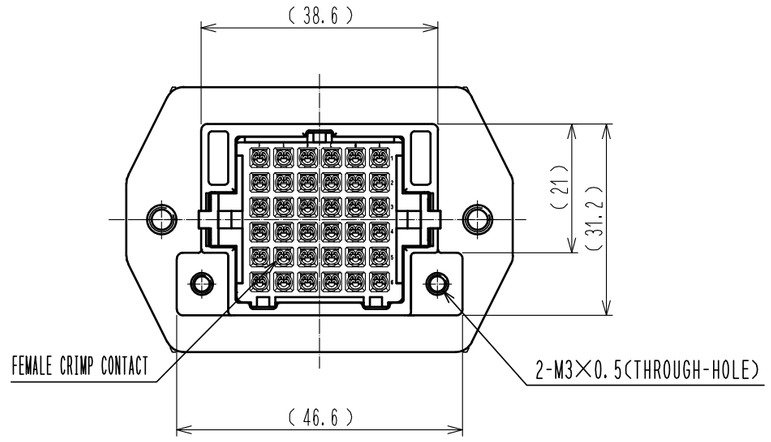
PANEL ATTACHMENT RECEPTACLE (FEMALE CONTACT, PQ50S SERIES 36positions.TYPE)

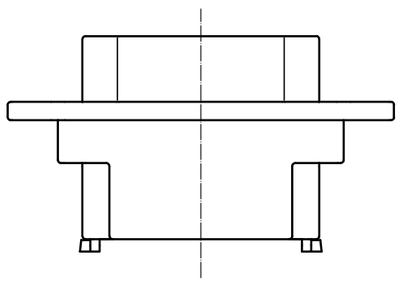
BILL OF MATERIAL FOR AN IN-LINE RECEPTACLE (FEMALE CONTACT) REQUIRED QUANTITY

	COMPONENT		REQUIERD QUANTITY	PART No.	CL No.	REMARKS
	HOUSING		1	PQ50S-36S	CL236-2122-0	THE PRODUCT IS ONLY AVAILABLE IN S INSULATED CASE.
	D SHELL		1	PQ50-20S-FL	CL236-2001-0	
△1	FEMALE CRIMP CONTACT	①	REQUIRED NUMBER	PQ50S2-1618SCFA	CL236-0042-0	APPLICABLE WIRE : UL1007 AWG#16～18、UL1015 AWG#16～18
		②	REQUIRED NUMBER	PQ50S2-1822SCFA	CL236-0036-0	APPLICABLE WIRE : UL1007 AWG#18～22、UL1015 AWG#18～22
		③	REQUIRED NUMBER	PQ50S2-2428SCFA	CL236-0039-0	APPLICABLE WIRE : UL1007 AWG#24～28、UL1015 AWG#24～28
	CODING KEY	④	REQUIRED NUMBER	PQ50S-SC-KY	CL236-2033-7	DUMMY CONTACT FOR MIS-MATING PREVENTION.

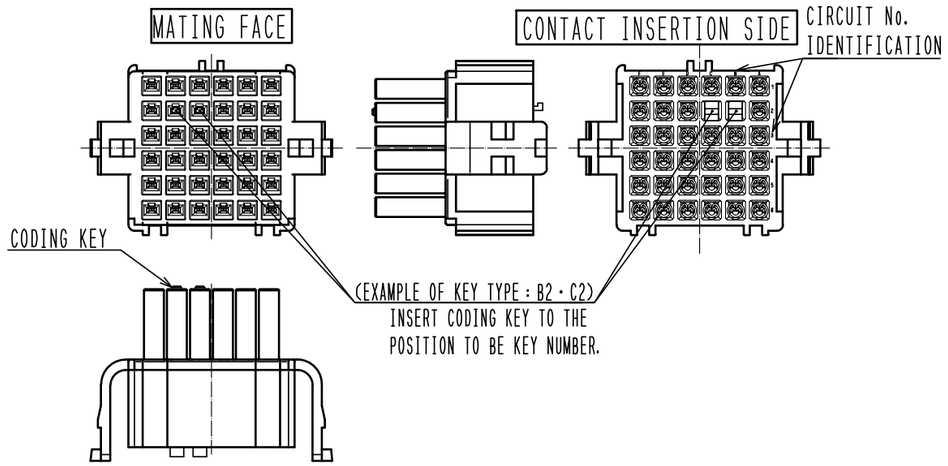








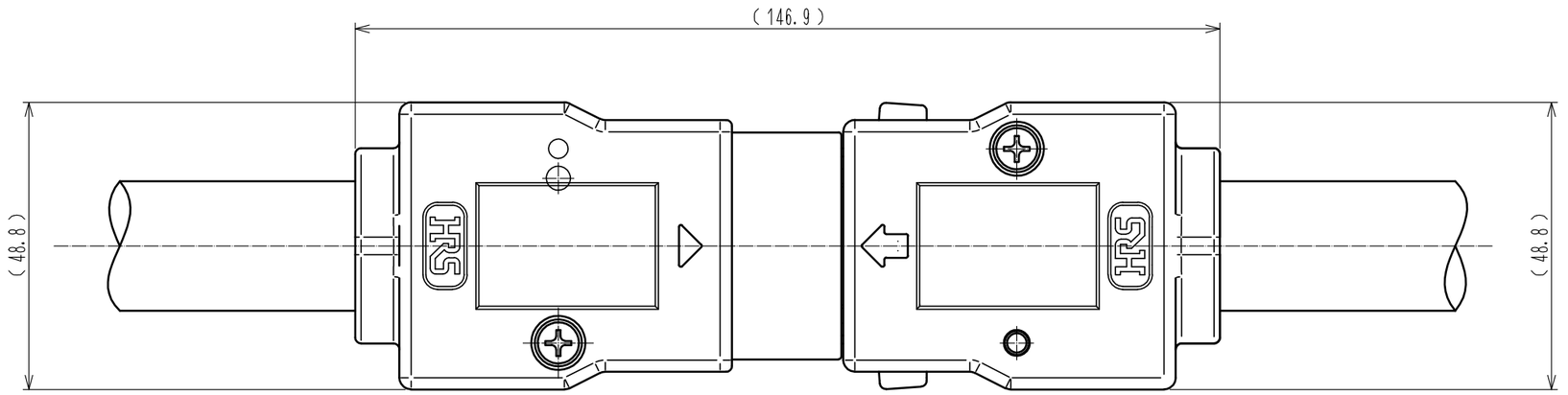
MIS-MATING PREVENTION KEY (POLARIZATION) TYPE

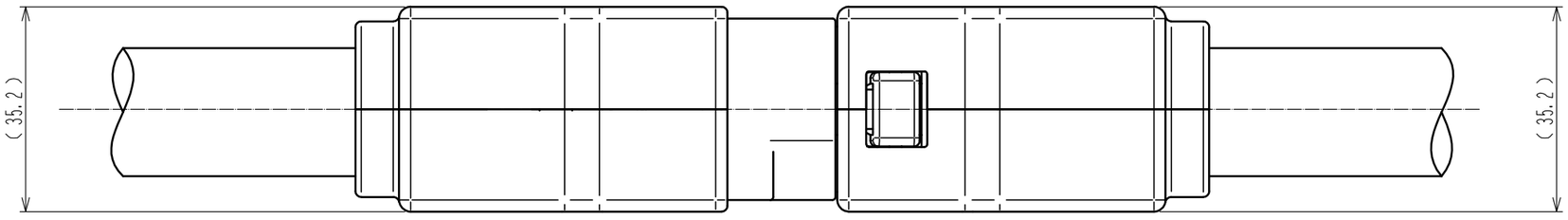


May.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.

May.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.

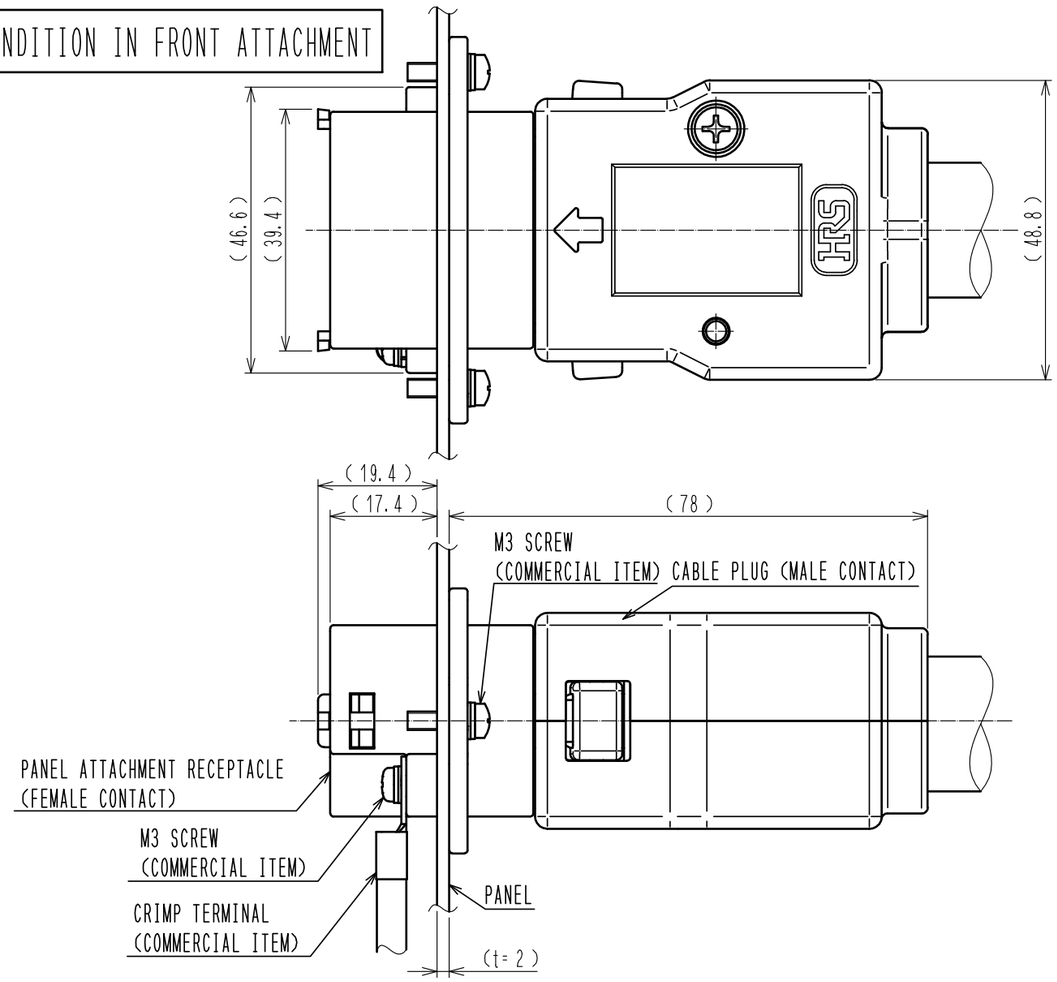
A CABLE PLUG (MALE CONTACT) AND AN IN-LINE RECEPTACLE (FEMALE CONTACT) MATED CONDITION



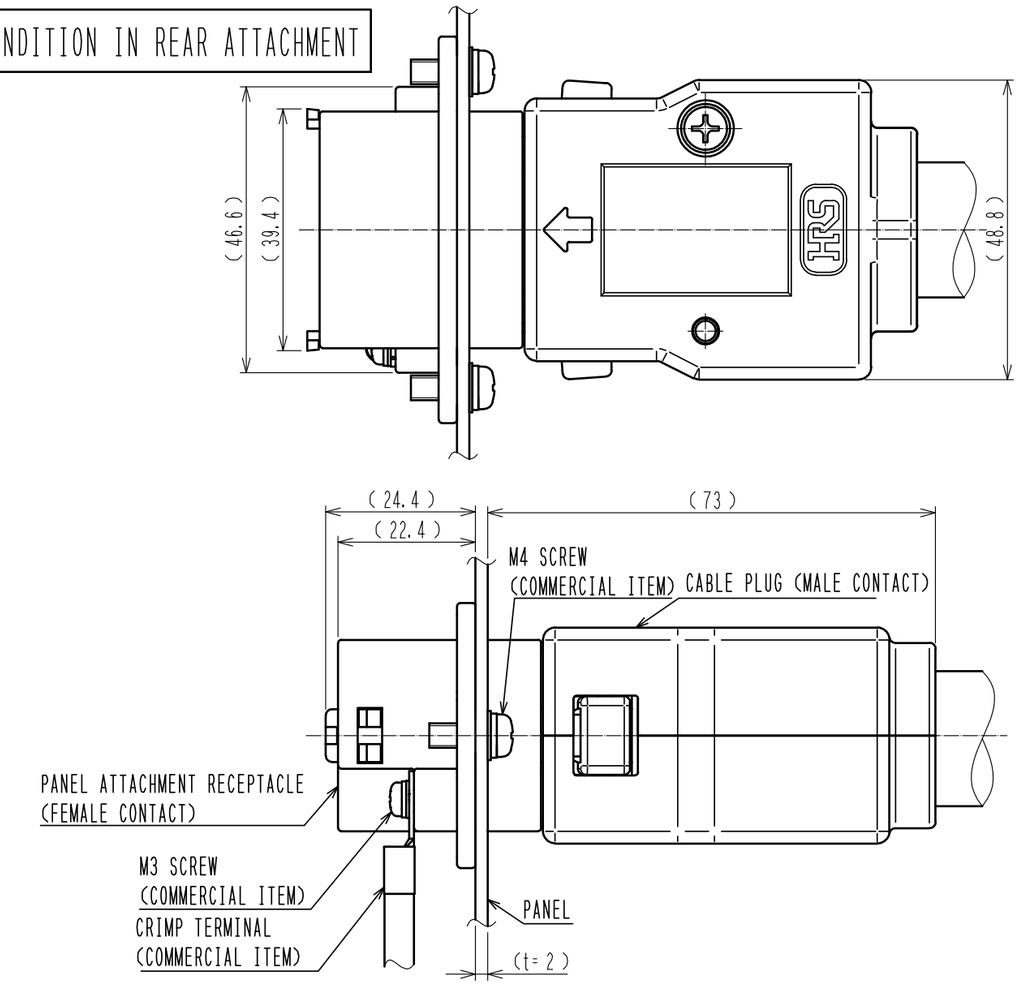


A CABLE PLUG (MALE CONTACT) AND A PANEL ATTACHMENT RECEPTACLE (FEMALE CONTACT) MATED CONDITION

MATED CONDITION IN FRONT ATTACHMENT

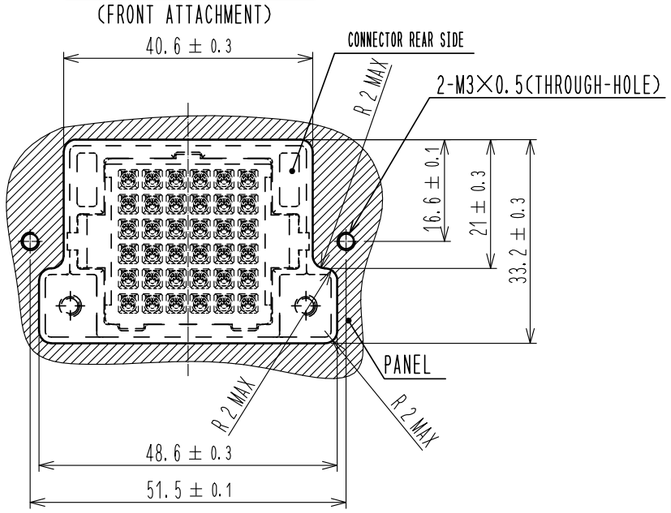


MATED CONDITION IN REAR ATTACHMENT



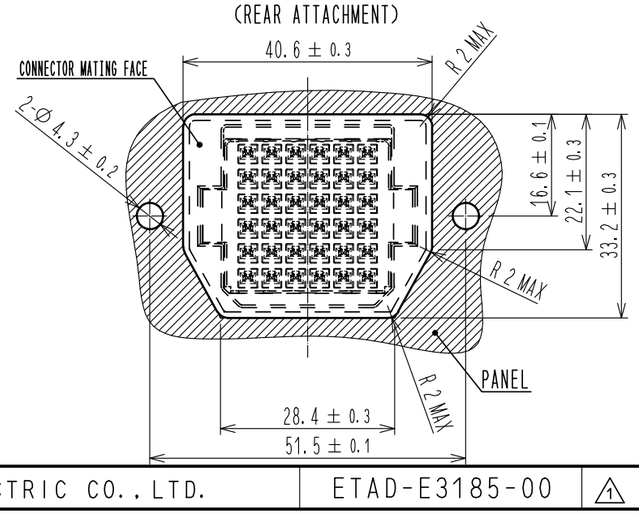
RECOMMENDED PANEL CUTOUT DIMENTIONS

(FRONT ATTACHMENT)



RECOMMENDED PANEL CUTOUT DIMENTIONS

(REAR ATTACHMENT)



HRS	HIROSE ELECTRIC CO., LTD.	ETAD-E3185-00	1	5/5

FORM 213-2-2

May.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.