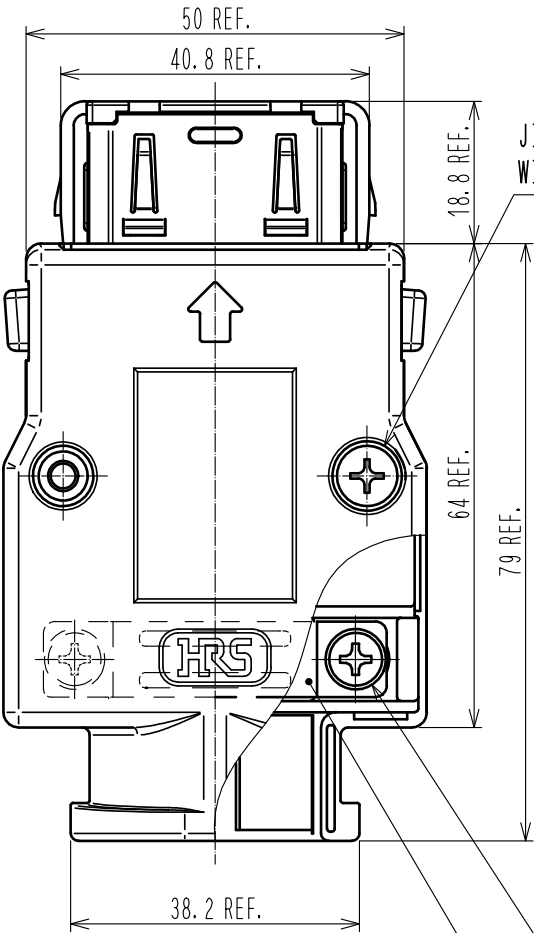
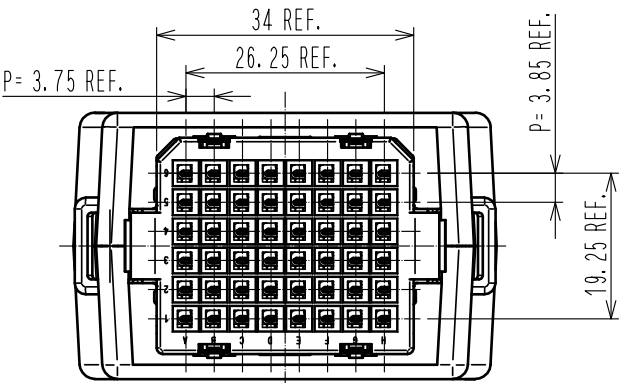


STRAIGHT PLUG (MALE CONTACT, PQ50S SERIES 48pcs. TYPE)



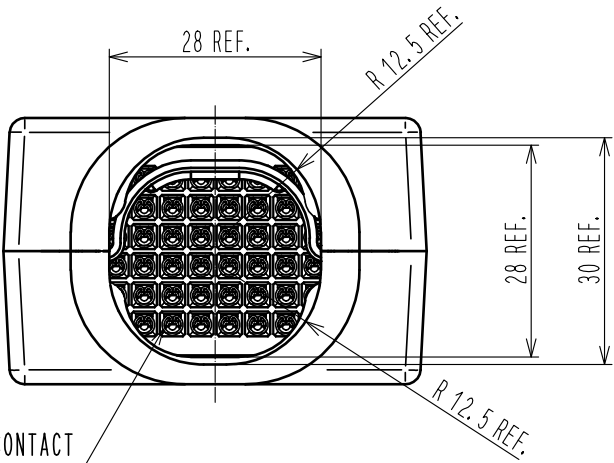
Change of frame



JIS B 1188 : CROSS RECESSED HEAD SCREWS WITH CAPTIVE WASHER(M4X0.7X16) ATTACHMENT

JIS B 1188 : CROSS RECESSED HEAD SCREWS WITH CAPTIVE WASHER(M4X0.7X12) ATTACHMENT

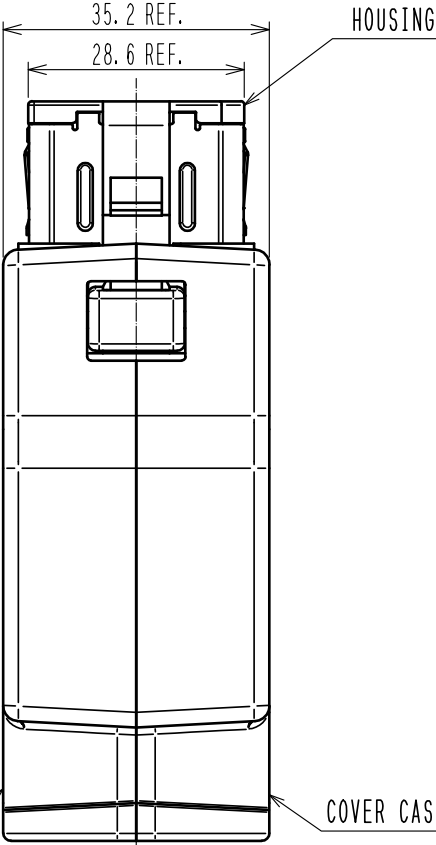
CABLE CLAMP



MALE CRIMP CONTACT

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

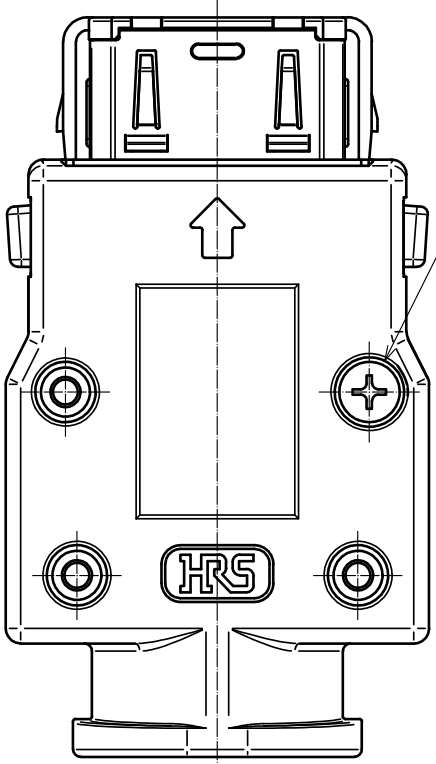
COMPONENT	REQUIERD QUANTITY	PART No.	CL No.	REMARKS
HOUSING	1	PQ50S-48P	CL236-2023-3	
COVER CASE	1	PQ50S-48P-PCMA	CL236-2192-0	1 COVER CASE A AND 1 COVER CASE B ARE INCLUDED IN 1 SET OF PQ50S-48P-PCMA. JIS B 1188 : CROSS RECESSED HEAD SCREWS WITH CAPTIVE WASHER(M4X0.7X16) ATTACHMENT
CABLE CLAMP	1	PQ-CM(15.0)	CL236-2005-1	APPLICABLE CABLE OUTER DIA : $\phi 15\text{mm}$ JIS B 1188 : CROSS RECESSED HEAD SCREWS WITH CAPTIVE WASHER(M4X0.7X12) ATTACHMENT
CABLE CLAMP	1	or PQ-CM(22.0)	CL236-2013-0	APPLICABLE CABLE OUTER DIA : $\phi 22\text{mm}$ JIS B 1188 : CROSS RECESSED HEAD SCREWS WITH CAPTIVE WASHER(M4X0.7X12) ATTACHMENT
MALE CRIMP CONTACT	REQUIRED NUMBER *	See table on page6.		



HOUSING

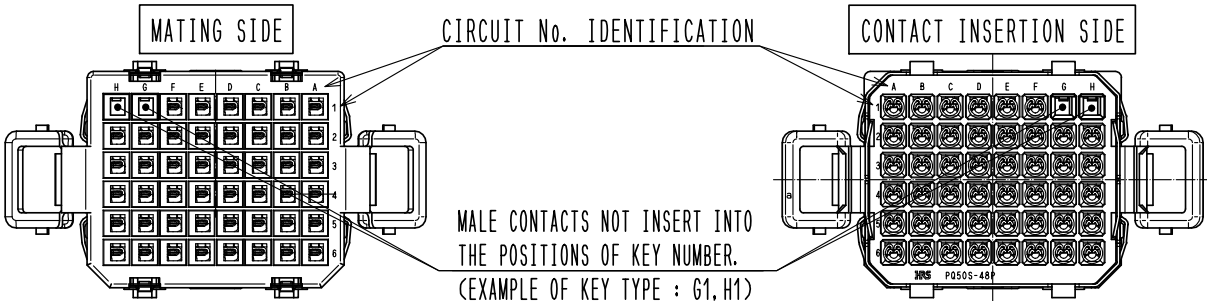
COVER CASE

COVER CASE



JIS B 1188 : CROSS RECESSED HEAD SCREWS WITH CAPTIVE WASHER(M4X0.7X16) ATTACHMENT

MISMATING PREVENTION KEY (POLARIZATION) TYPE

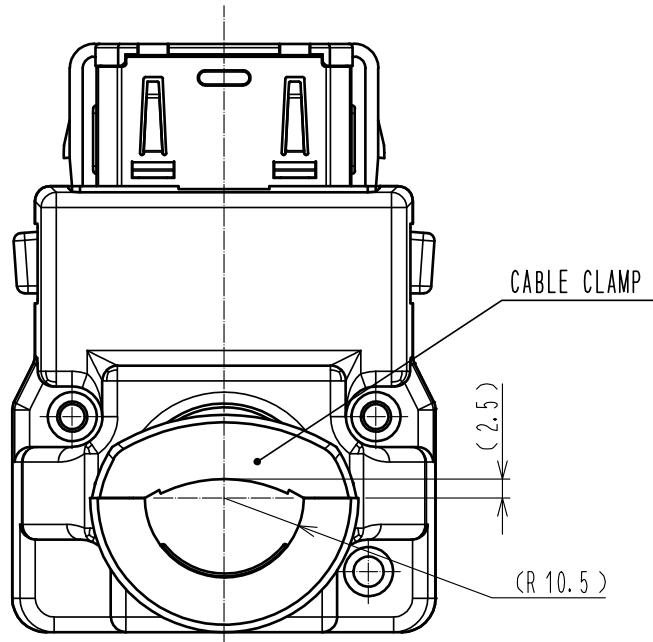
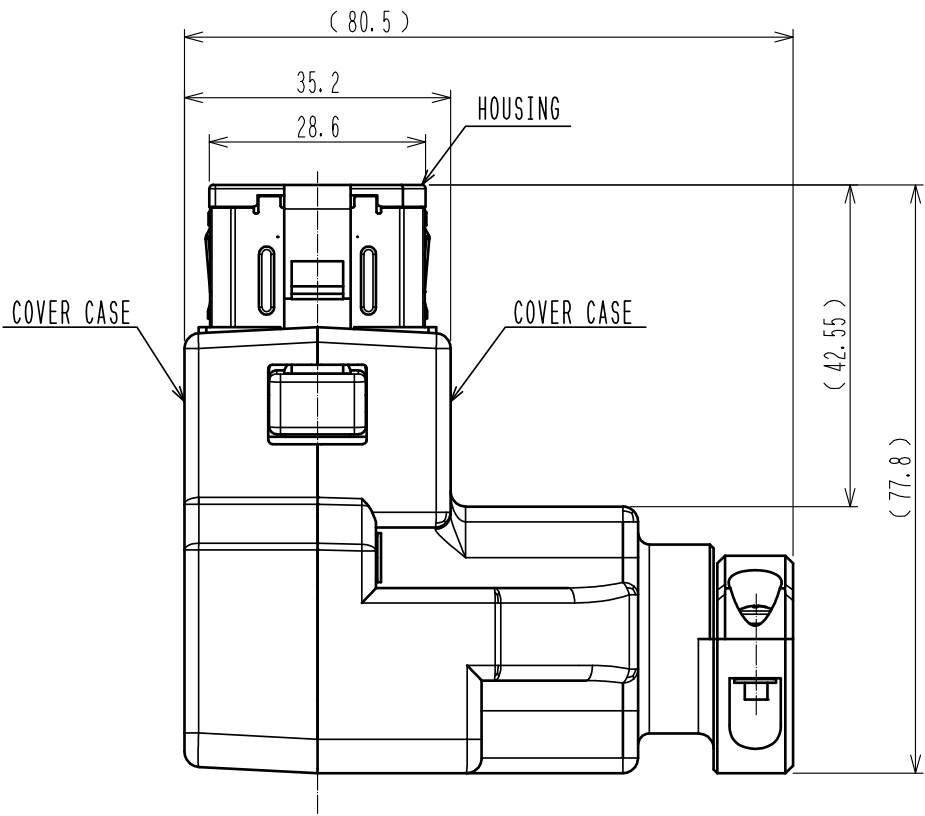
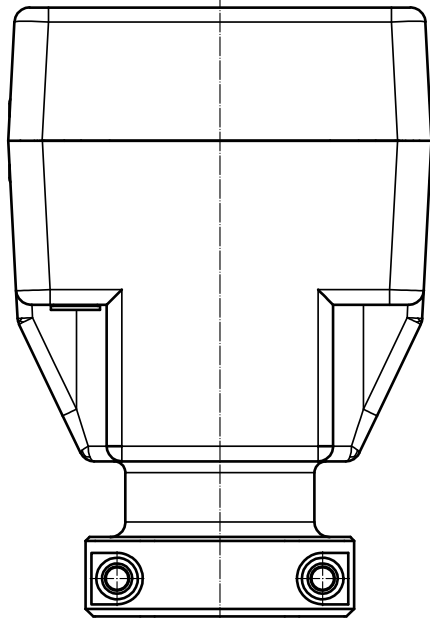
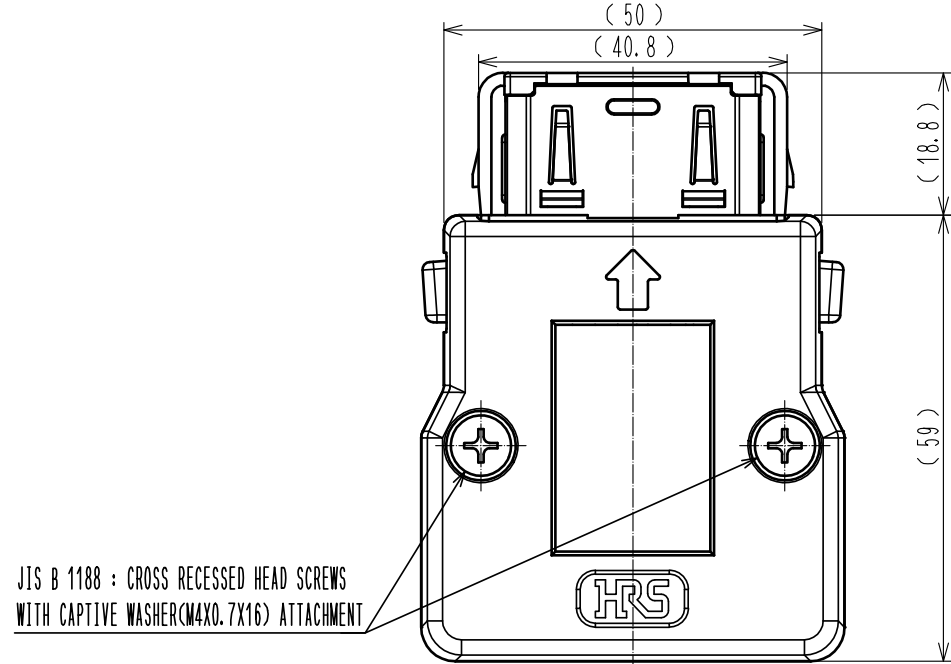
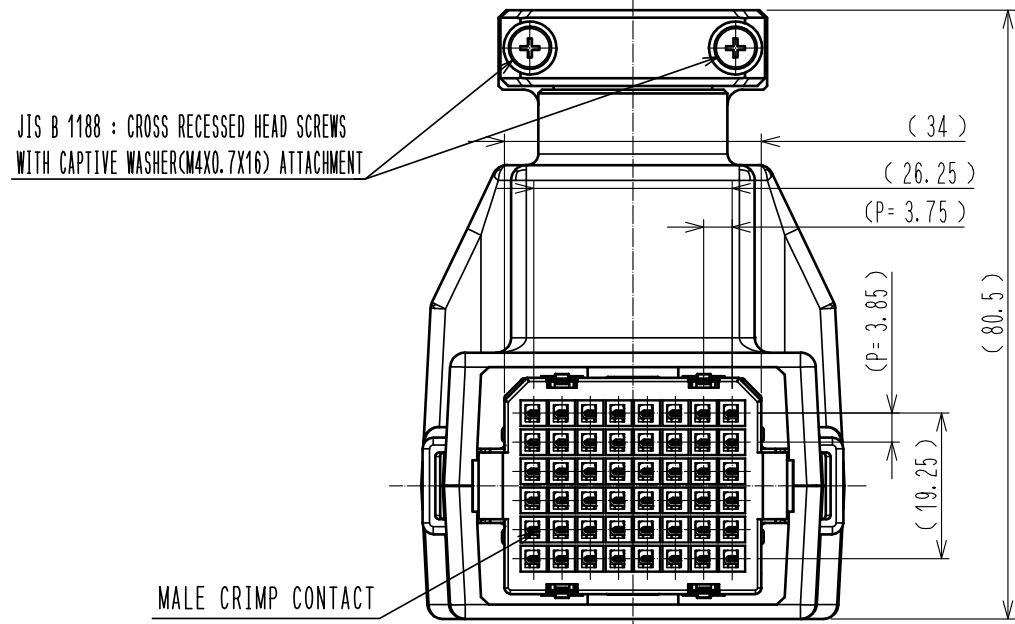


COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
8	DIS-E-00014646	KIM JAEHYEON	KG. OKITA	20230913
TITLE		HRS HIROSE ELECTRIC CO., LTD.		
PQ50S SERIES(48pcs. TYPE) ASSEMBLE & MATED CONDITION		APPROVED	MN. KENJO	20210121
		CHECKED	TU. TANIGUCHI	20210121
		CHARGED	HY. MATSUDA	20210121
		WRITTEN	HY. MATSUDA	20210121
TECHNICAL SPECIFICATION		ETAD-E2961-00		1/6

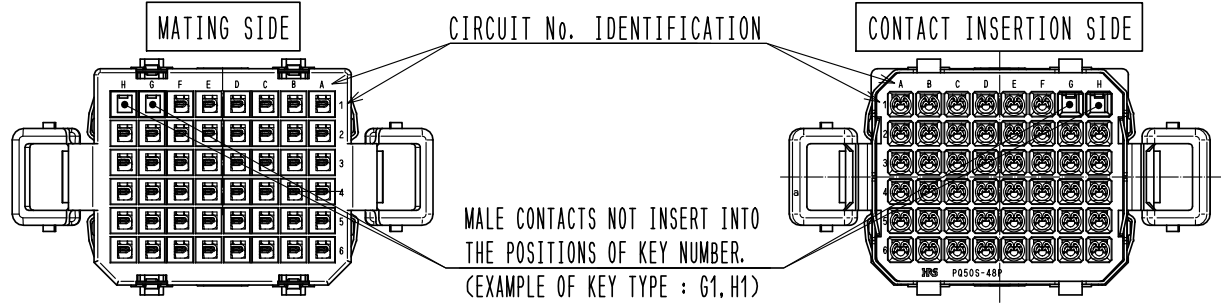
RIGHTANGLE PLUG (MALE CONTACT, PQ50S SERIES 48pcs. TYPE)

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

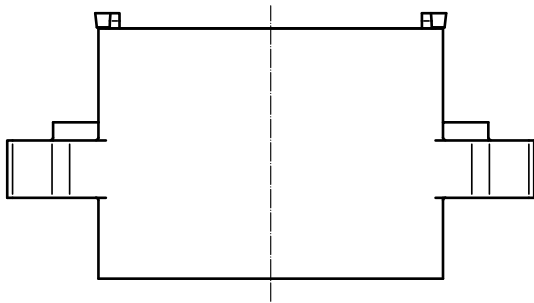
COMPONENT	REQUIERD QUANTITY	PART No.	CL No.	REMARKS
HOUSING	1	PQ50S-48P	CL236-2023-3	
COVER CASE	1	PQ50S-48P-PCLMA	CL236-2131-0	1 COVER CASE A AND 1 COVER CASE B ARE INCLUDED IN 1 SET OF PQ50S-48P-PCLMA. JIS B 1188 : CROSS RECESSED HEAD SCREWS WITH CAPTIVE WASHER(M4X0.7X16) ATTACHMENT
CABLE CLAMP	1	PQ-CML(17.5)	CL236-2079-8	APPLICABLE CABLE OUTER DIA : $\phi 17.5\text{mm}$ JIS B 1111 : CROSS RECESSED PAN HEAD SCREWS(M3X0.5X10) ATTACHMENT
MALE CRIMP CONTACT	REQUIRED NUMBER *	See table on page6.		



MISMATING PREVENTION KEY (POLARZATION) TYPE

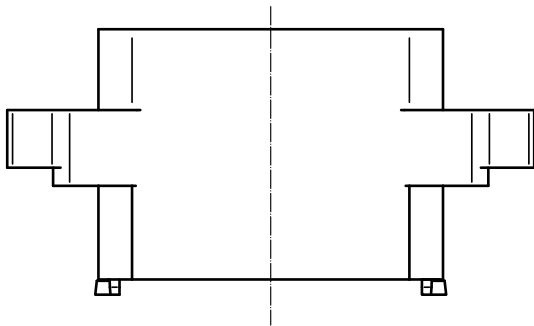
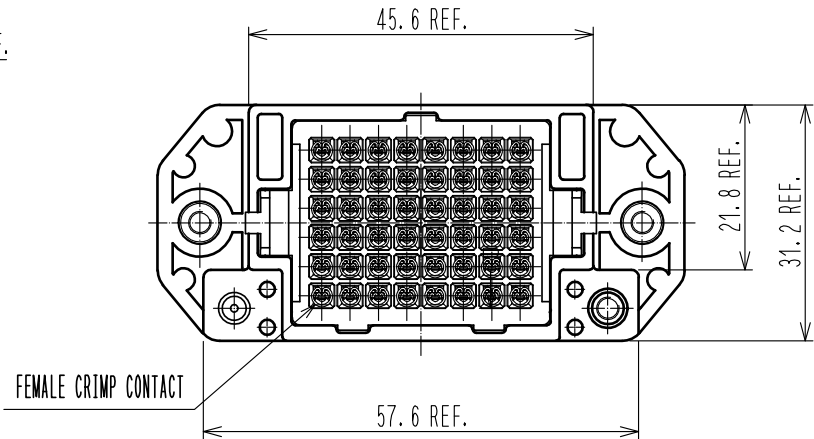
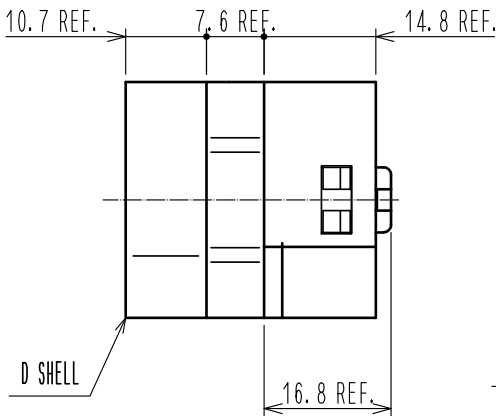
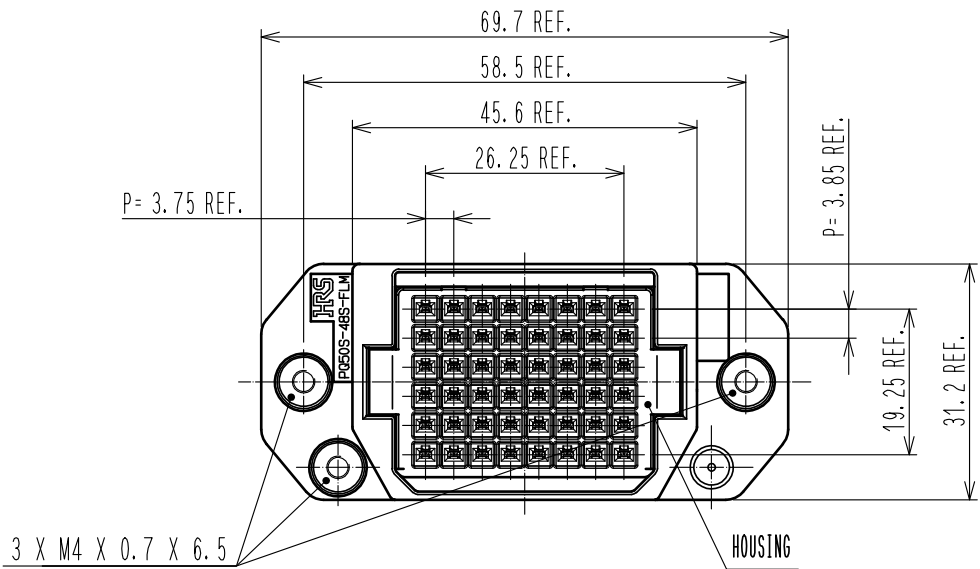


PANEL ATTACHMENT RECEPTACLE (FEMALE CONTACT, PQ50S SERIES 48pcs. TYPE)

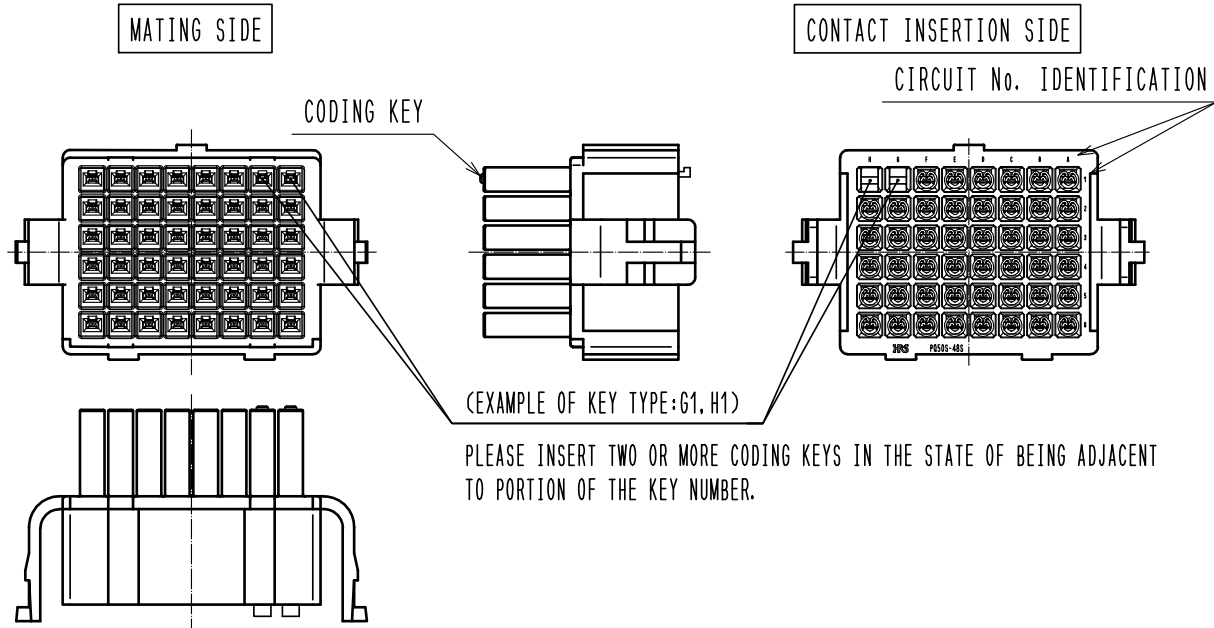


BILL OF MATERIAL FOR A PANEL ATTACHMENT RECEPTACLE (FEMALE CONTACT) REQUIRED QUANTITY

COMPONENT	REQUIRED QUANTITY	PART No.	CL No.	REMARKS
HOUSING	1	PQ50S-48S	CL236-2024-6	
D SHELL	1	PQ50S-48S-FLMA	CL236-2130-0	
FEMALE CRIMP CONTACT	REQUIRED NUMBER *	See table on page6.		
CODING KEY	REQUIRED NUMBER *	PQ50S-SC-KY	CL236-2033-7	DUMMY CONTACT FOR MISMATING PREVENTION PLEASE USE TWO OR MORE IN THE STATE OF BEING ADJACENT.

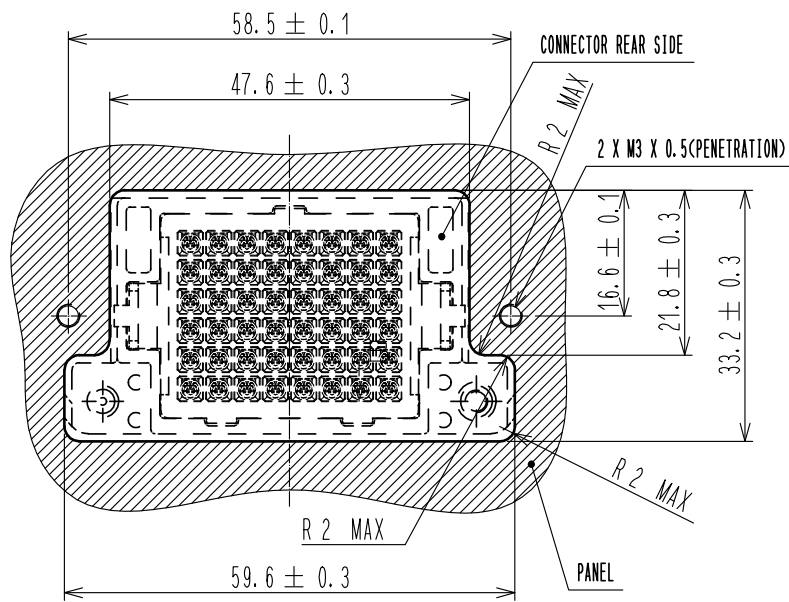


MISMATING PREVENTION KEY (POLARIZATION) TYPE

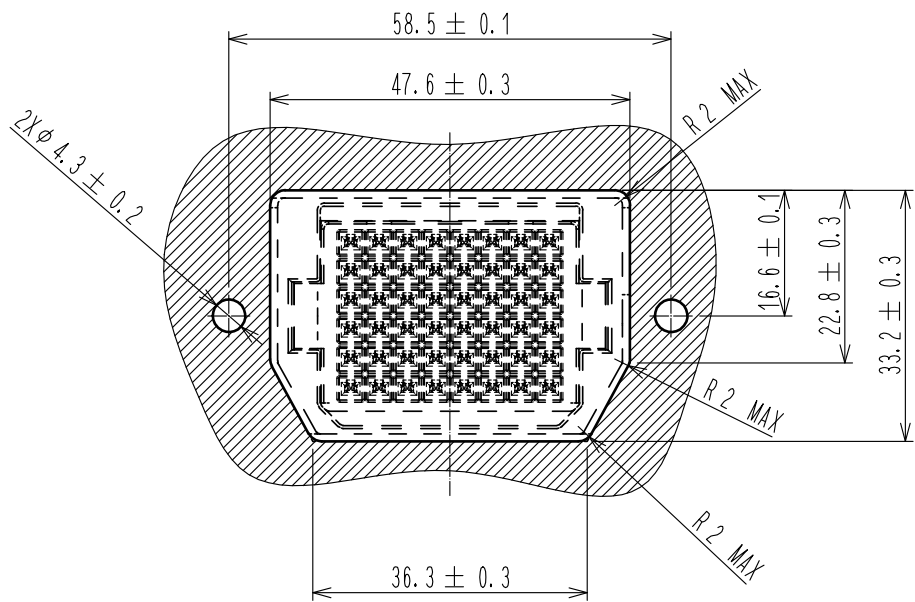


A CABLE PLUG(MALE CONTACT) AND AN PANEL ATTACHMENT RECEPTACLE(FEMALE CONTACT) MATED CONDITION

RECOMMENDED PANEL CUTOUT DIMENTION
(FRONT ATTACHMENT)

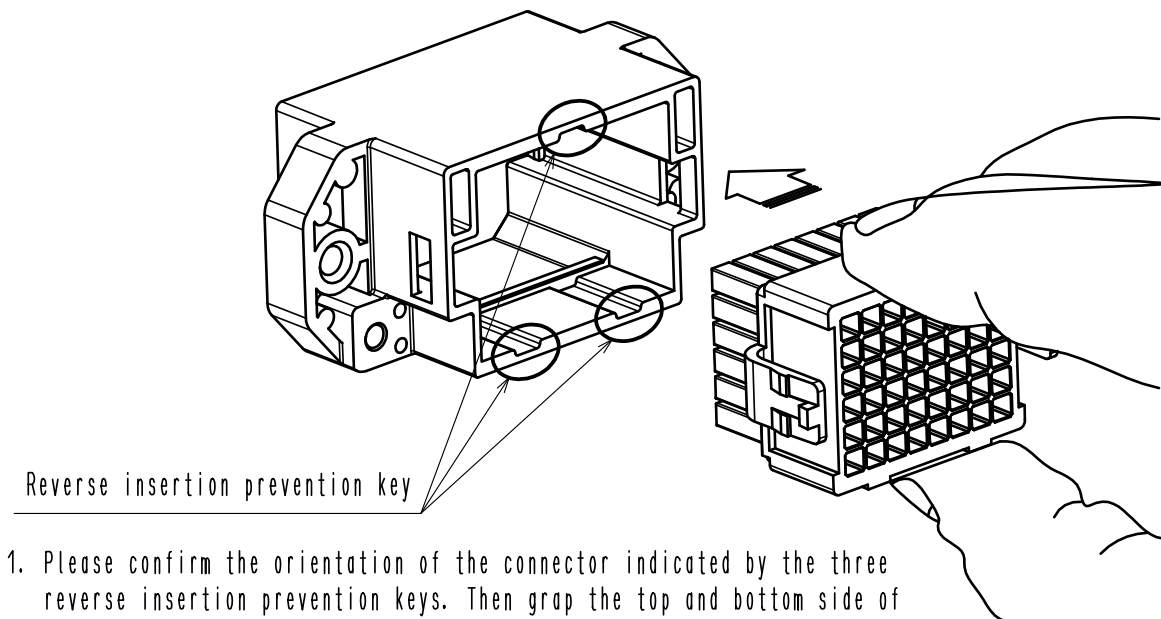


RECOMMENDED PANEL CUTOUT DIMENTION
(FRONT ATTACHMENT)

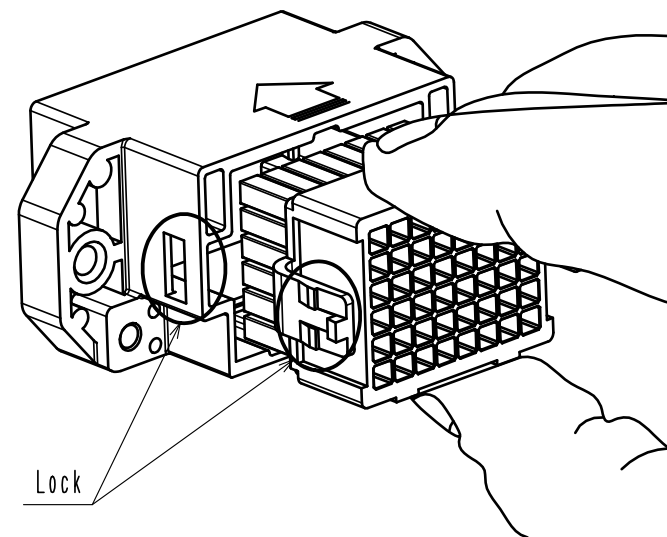


Precautions for handling

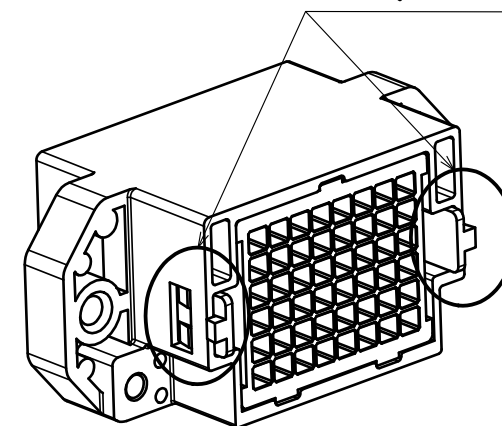
(1) How to insert the connector into the panel shell.



1. Please confirm the orientation of the connector indicated by the three reverse insertion prevention keys. Then grasp the top and bottom side of the connector and insert it into the panel shell.

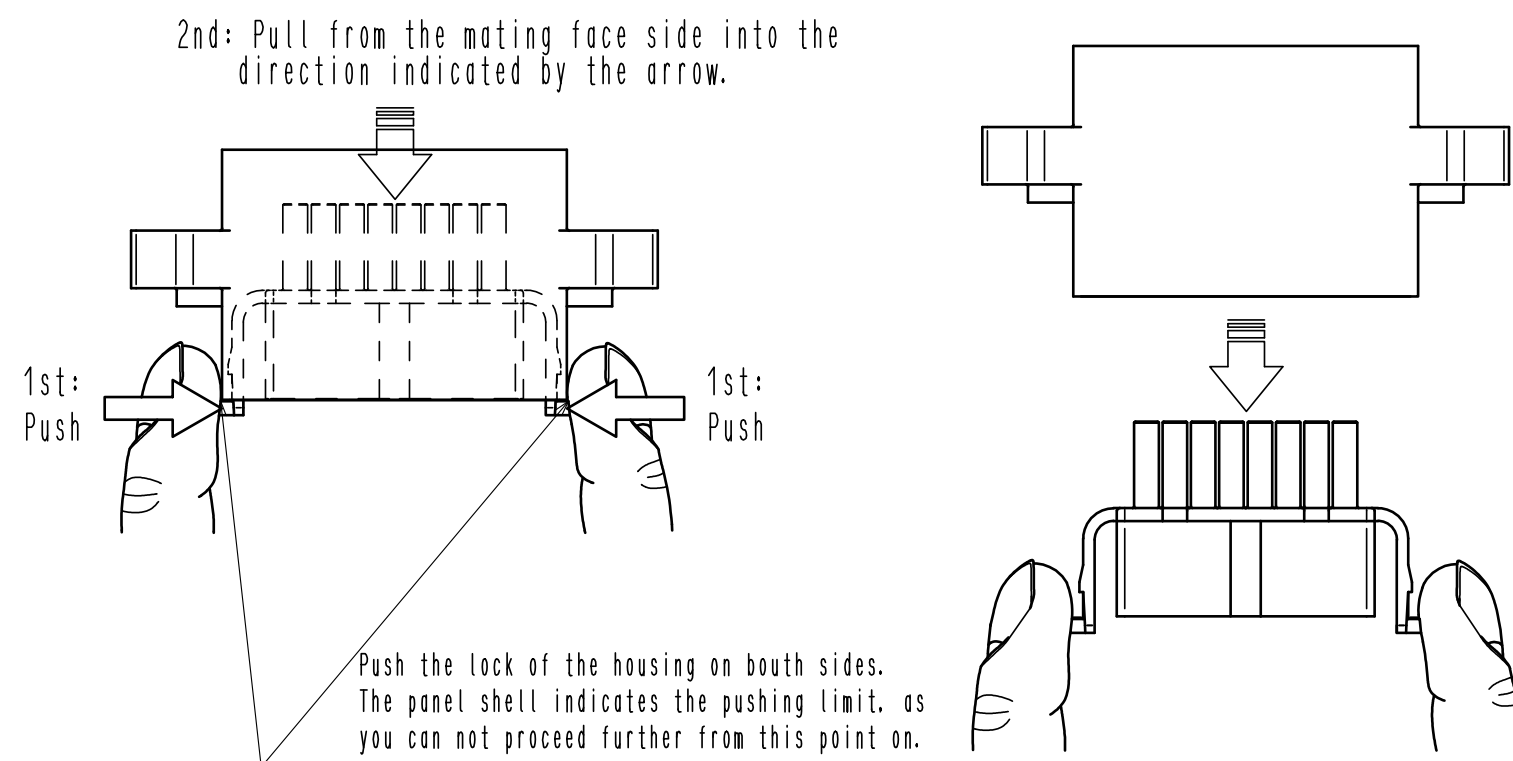


2. Confirm a 'click' sound while inserting the connector into the panel shell.



3. The connector is now correctly inserted into the panel shell.

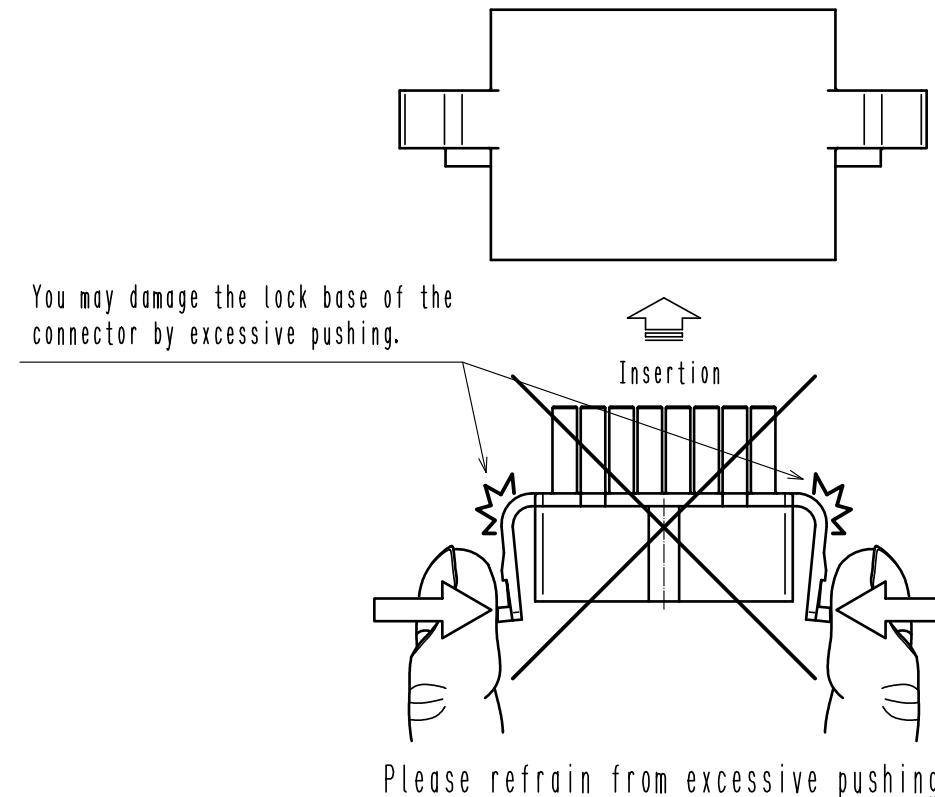
(2) How to remove the connector from the panel shell.



1. While pushing the locks of the connector remove the connector from the panel shells mating face side.

2. Removal si complete.

Incorrect insertion and removal of the connector



Do not push the locks of the connector during the insertion into the panel shell. Keep also in mind, that a excessive pushing may damage the base of the locks and a save mating can not be achieved any more.

Crimping contact list

Type	Packing form	Component	Required quantity	Part No. 	CL No. 	Remarks 
Male side (P Side)	Reel packaging (6000 pcs/reel)	Male crimp contact (standard contact)	① Required number *	PQ50S2-1618PCFA	CL236-0032-0	Applicable wire : UL1007 AWG#16~18
			② Required number *	PQ50S2-1822PCFA	CL236-0035-0	Applicable wire : UL1007 AWG#18~22
			③ Required number *	PQ50S2-2428PCFA	CL236-0038-0	Applicable wire : UL1007 AWG#24~28
		Male crimp contact (sequence contact)	④ Required number *	PQ50SA2-1618PCFA	CL236-0033-0	Applicable wire : UL1007 AWG#16~18
			⑤ Required number *	PQ50SA2-1822PCFA	CL236-0034-0	Applicable wire : UL1007 AWG#18~22
			⑥ Required number *	PQ50SA2-2428PCFA	CL236-0037-0	Applicable wire : UL1007 AWG#24~28
	Plastic bag packaging (100 pcs/bag)	Male crimp contact (standard contact)	⑦ Required number *	PQ50S2-1822PCA	CL236-0046-0	Applicable wire : UL1007 AWG#18~22
			⑧ Required number *	PQ50S2-2428PCA	CL236-0047-0	Applicable wire : UL1007 AWG#24~28
		Male crimp contact (sequence contact)	⑨ Required number *	PQ50SA2-1822PCA	CL236-0048-0	Applicable wire : UL1007 AWG#18~22
			⑩ Required number *	PQ50SA2-2428PCA	CL236-0049-0	Applicable wire : UL1007 AWG#24~28
Type	Packing form	Component	Required quantity	Part No.	CL No.	Remarks
Female (S Side)	Reel packaging (6000 pcs/reel)	Female crimp contact (standard contact)	① Required number *	PQ50S2-1618SCFA	CL236-0042-0	Applicable wire : UL1007 AWG#16~18
			② Required number *	PQ50S2-1822SCFA	CL236-0036-0	Applicable wire : UL1007 AWG#18~22
			③ Required number *	PQ50S2-2428SCFA	CL236-0039-0	Applicable wire : UL1007 AWG#24~28
	Plastic bag packaging (100 pcs/bag)	Female crimp contact (standard contact)	④ Required number *	PQ50S2-1822SCA	CL236-0050-0	Applicable wire : UL1007 AWG#18~22
			⑤ Required number *	PQ50S2-2428SCA	CL236-0051-0	Applicable wire : UL1007 AWG#24~28