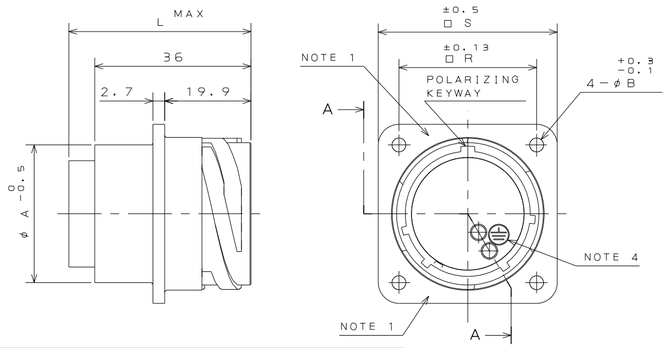
図面番号(DRAWING NO.) SJ120096

版数 REV.	年月日 DATE	DCN NO.	変更内容 DESCRIPTION	製図 DR.	担当 CHK.	査閲 APPD.	承認 APPD.

WISDOM承認 2018/05/08



SOCKET INSERT(THE UPPER PART)
ソケットインサートの場合(上)

PIN INSERT(THE LOWER PART)
ピンインサートの場合(下)

SECT. A−A
(SCALE 2:1)

TABLE 1 【DIMENSIONS】

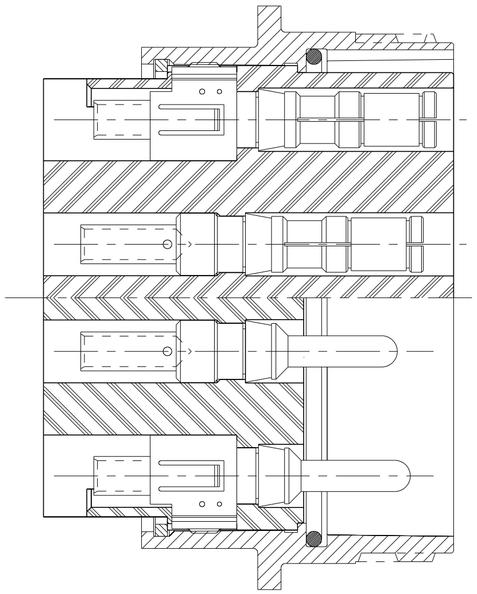
SHELL SIZE	φA −0.5	φB +0.3 −0.1	□S ±0.5	□R±0.13
18	24.9	3.2	35	26.97
20	29.6	3.2	38.1	29.36
22	31.8	3.2	41.3	31.75
24	35	4.2	44.3	34.92
28	41.3	4.2	50.8	39.67

CONTACT SIZE	L MIN.	
	PIN INSERT	SOCKET INSERT
# 8	48	
#12	46	43
#16	43	38
#20	40	36.5

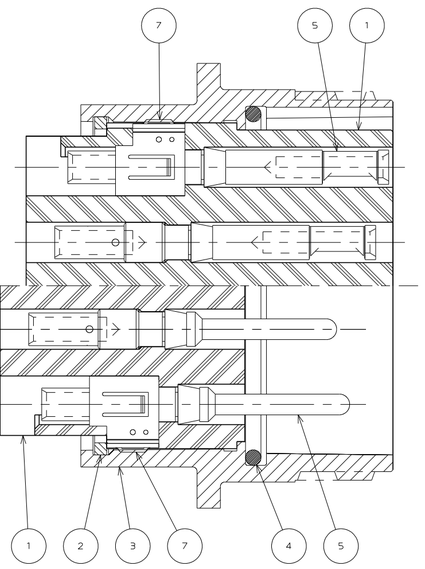
TABLE 2 【INSERT ARRENGMENT】(NOTE 2)

SHELL SIZE	CONTACT SIZE	# 8	#12	#16	#20
18	NO. OF CONTACT	———	5	10	19
	INSERT ARRENGMENT	———	18-11	18- 1	18-19A
	DWG. NO.	———	SJ024904	SJ025293	SJ025297
20	NO. OF CONTACT	———	7	17	30
	INSERT ARRENGMENT	———	20-15	20-29	20-30A
	DWG. NO.	———	SJ025291	SJ025294	SJ025298
22	NO. OF CONTACT	4	8	19	———
	INSERT ARRENGMENT	22-22	22-23	22-14	———
	DWG. NO.	SJ024906	SJ025292	SJ024905	———
24	NO. OF CONTACT	7	———	24	52
	INSERT ARRENGMENT	24-10	———	24-28	24-52A
	DWG. NO.	SJ024907	———	SJ025295	SJ025299
28	NO. OF CONTACT	———	———	37	73
	INSERT ARRENGMENT	———	———	28-21	28-73A
	DWG. NO.	———	———	SJ025296	SJ026288

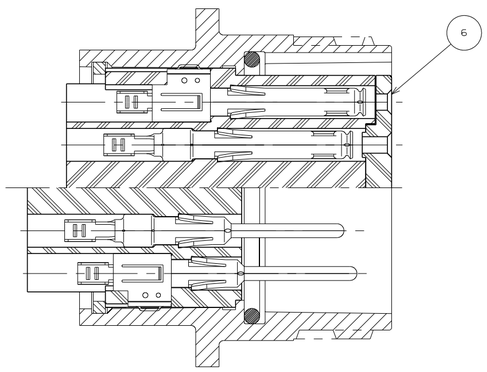
★INSERT OF #8 CONTACTS



★INSERT OF #12 CONTACTS



★INSERT OF #16 CONTACTS



★INSERT OF #20 CONTACTS

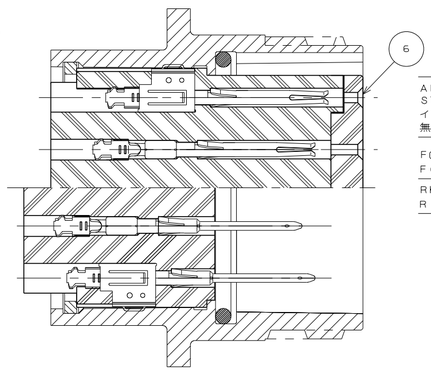


TABLE 3 【CRIMP TYPE CONTACTS】(NOTE 3)

CONTACT SIZE	PIECE	CONTACT PART NUMBERS				TYPE	APPLICABLE WIRE
		PIN CONTACT	DWG. NO.	SOCKET CONTACT	DWG. NO.		
# 8	INDIVIDUAL	CONT-JL05-08P-C1	SJ025430	CONT-JL05-08S-C1	SJ025431	MACHINE	AWG# 8~10(8㎟~5.5㎟)
		CONT-JL05-08P-C2		CONT-JL05-08S-C2			AWG#10~12(5.5㎟~3.5㎟)
#12	INDIVIDUAL	CONT-JL05-12P-C1	SJ025428	CONT-JL05-12S-C1	SJ025429	MACHINE	AWG#12~16(3.5㎟~1.25㎟)
#16	INDIVIDUAL	ST-JL05-16P-C1	SJ025424	ST-JL05-16S-C1	SJ025425	STAMPE	AWG#14~16(2㎟~1.25㎟)
		ST-JL05-16P-C2		ST-JL05-16S-C2			AWG#16~20(1.25㎟~0.5㎟)
		ST-JL05-16P-C3		ST-JL05-16S-C3			AWG#20~24(0.5㎟~0.2㎟)
	REELS OF 3500	ST-JL05-16P-C1-3500	SJ025426	ST-JL05-16S-C1-3500	SJ025427	STAMPE	AWG#14~16(2㎟~1.25㎟)
		ST-JL05-16P-C2-3500		ST-JL05-16S-C2-3500			AWG#16~20(1.25㎟~0.5㎟)
		ST-JL05-16P-C3-3500		ST-JL05-16S-C3-3500			AWG#20~24(0.5㎟~0.2㎟)
#20	INDIVIDUAL	ST-JL05-20P-C1	SJ025420	ST-JL05-20S-C1	SJ025421	STAMPE	AWG#18~22(0.8㎟~0.3㎟)
		ST-JL05-20P-C2		ST-JL05-20S-C2			AWG#22~26(0.3㎟~0.13㎟)
	REELS OF 10000	ST-JL05-20P-C1-10000	SJ025422	ST-JL05-20S-C1-10000	SJ025423	STAMPE	AWG#18~22(0.8㎟~0.3㎟)
		ST-JL05-20P-C2-10000		ST-JL05-20S-C2-10000			AWG#22~26(0.3㎟~0.13㎟)

DESIGNATION
命名法

JL05−2A22−14＊PC＊−F0−RK

SERIES PREFIX
シリーズ名

2:BOX MOUNTING RECEPTACLE
2:レセプタクル

A:THE STRUCTURE OF WATERPROOF
A:防水構造

SHELL SIZE:18.20.22.24.28
シェルサイズ:18.20.22.24.28

INSERT ARRANGMENT(NOTE 2)
インサート配列名

CONTACT TYPE
PC:CRIMP TYPE OF PIN CONTACT
SC:CRIMP TYPE OF SOCKET CONTCT
P :SOLDER TYPE OF PIN CONTACT
S :SOLDER TYPE OF SOCKET CONTCT
PC:クリンプピンコンタクト
SC:クリンプソケットコンタクト
P :半田用ピンコンタクト
S :半田用ソケットコンタクト

ALTERNATE INSERT POSITIONS:W.X.Y.Z.V
STANDARD:NORMAL POSITION
インサート回転位置:W.X.Y.Z.V
無し:標準位置

F0:LESS CONTACTS
F0:コンタクト無し

RK:SUFFIX
RK:特殊記号

NOTE 1. COMPANY LOGO "JAE" & PART NUMBER ARE MARKED AS INDICATED.
"−F0" AND "−RK" ARE NOT MARKED.
2. FOR INSERT ARRENGMENT, SEE TABLE 2.
3. FOR APPLICABLE CONTACTS, SEE TABLE 3.
4. THIS MARK(⏚) INDICATES EARTH.

1. 図示の位置に "社名" 及び "品名" を表示する。
但し、品名末尾の "−F0" 及び "−RK" は表示しない。
2. インサート配列は表2による。
3. 適合コンタクトは表3による。
4. このマーク ⏚ は保護回路接続を表わす。

NO.	名称 DESCRIPTION	個数 QTY.	材料 MATERIAL	仕上 FINISH	備考 REMARKS
7	EARTH LUG	1	COPPER ALLOY	SILVER PLATING	———
6	COVER INSULATOR	1	SYNTHETIC RESIN	———	INSULATOR FOR #16 & #20 SOCKET CONTACTS
5	CONTACT	———	COPPER ALLOY	SILVER PLATING	NOTE 2,3
4	"O"RING	1	SYNTHETIC RUBBER	———	———
3	SHELL	1	ALUMINUM ALLOY	ZINC PLATING	———
2	RETAINING RING	1	COPPER ALLOY	ZINC PLATING	———
1	BASE INSULATOR	1	SYNTHETIC RESIN	———	———

仕様書(SPECIFICATION) JACS-5071 T90-3

一般公差(GENERAL TOLERANCE)
寸法(DIMENSION): .±0.8, .×±0.4, .××±0.1, .×××±
角度(ANGLES): ×°±, ×°×'±

第1版(ORIGINAL DATE) 27.Apr.2018

製図 DR.	———
担当 CHK.	T.DAIGO
査閲 APPD.	H.KANNO
承認 APPD.	H.EBIHARA

尺度(SCALE) 1:1
シリーズ(SERIES) JL05
名称(TITLE) JL05−2A＊＊ −＊＊＊＊＊＊−＊＊−RK (BOX MOUNTING RECEPTACLE)
質量(MASS)

日本航空電子工業株式会社
JAPAN AVIATION ELECTRONICS INDUSTRY, LTD.

図面番号(DRAWING NO.) SJ120096
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