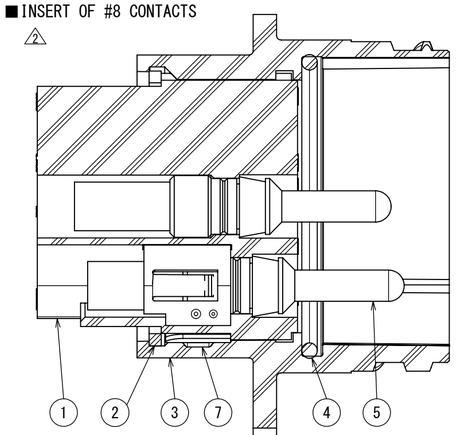
図面番号(DRAWING NO.) SJ120096

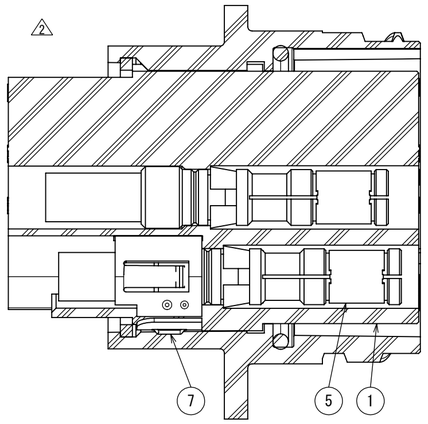
版数 VER.	年月日 D A T E	CN NO.	変更内容 DESCRIPTION	製図 DR.	担当 CHK.	査閲 APPD.	承認 APPD.
2	17/JAN/2023	048757	誤記修正、再トレース	-	K.WATANABE	T.SHIINA	H.EBIHARA

A-A
PIN INSERT
ピンインサートの場合
ｽｹｰﾙ (2 : 1)

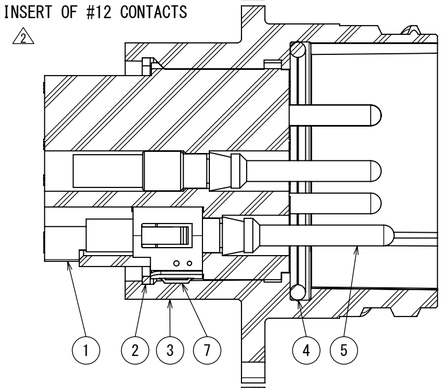
B-B
SOCKET INSERT
ソケットインサートの場合
ｽｹｰﾙ (2 : 1)

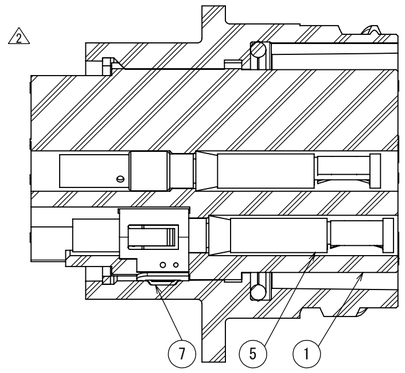
■INSERT OF #8 CONTACTS



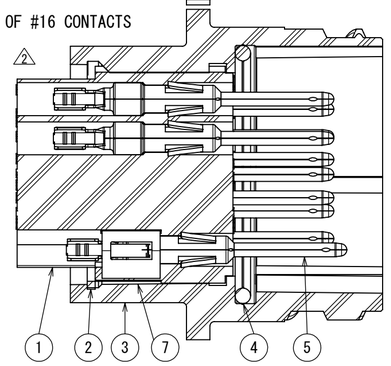


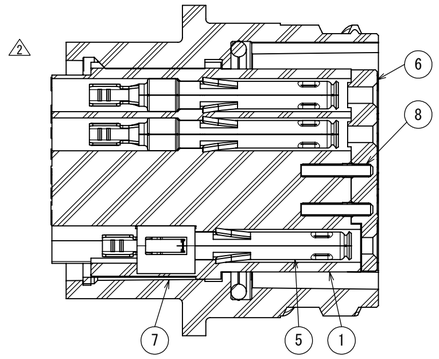
■INSERT OF #12 CONTACTS



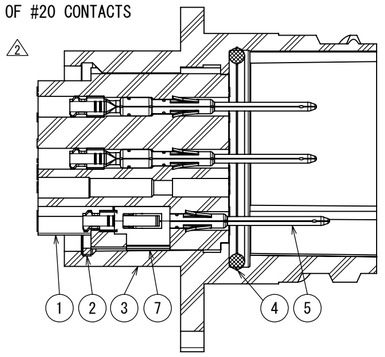


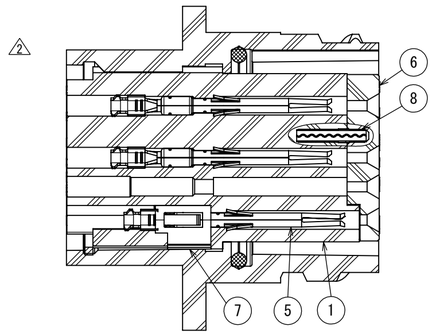
■INSERT OF #16 CONTACTS

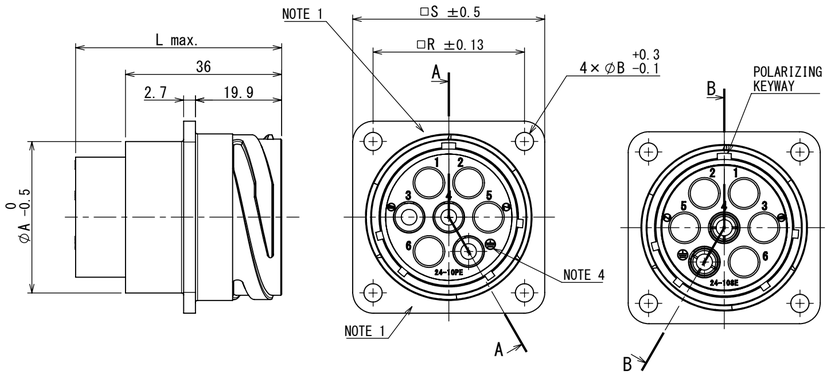




■INSERT OF #20 CONTACTS







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

注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。

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 CONTACT
  - P :SOLDER TYPE OF PIN CONTACT
  - S :SOLDER TYPE OF SOCKET CONTACT
  - 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

TABLE 1【DIMENSIONS】

SHELL SIZE	∅A[0/-0.5]	∅B[+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	35.0	4.2	44.3	34.92
28	41.3	4.2	50.8	39.67

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

TABLE 2【INSERT ARRANGMENT】(NOTE 2)

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

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	STAMP	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	STAMP	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	STAMP	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	STAMP	AWG#18～22(0.8㎟～0.3㎟)
		ST-JL05-20P-C2-10000		ST-JL05-20S-C2-10000			AWG#22～26(0.3㎟～0.13㎟)

2	NO.	DESCRIPTION	QTY.	MATERIAL	FINISH	REMARKS
	8	SPRING PIN	2	STAINLESS STEEL	—	INSULATOR FOR #16 & #20 SOCKET CONTACTS
	7	EAETH 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) . ± / .× ± / .×× ± / .××× ±
角度(ANGLES) ×° ± / ×°×′ ±
単位(UNIT)：mm
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
シート(SHEET NO.) 1 OF 1
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
SIZE A2
版数(VER.) 2

JAE-CONNECTOR.COM Reference Only

WISDOM承認 2023/01/20

DCF-213J(20.07)

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