

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

TABLE 1 【DIMENSIONS】

SHELL SIZE	φA±0.8	φB±0.2	V THREAD
18	35.9	23.5	1-20UNEF-2A
20	40.6	26.9	1 1/8-18UNEF-2A
22	42.2	29.6	1 1/4-18UNEF-2A
24	45.4	32.8	1 3/8-18UNEF-2A
28	51.7	39	1 5/8-18UNEF-2A

TABLE 2 【INSERT ARRENGMENT】 (NOTE 2)

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

CONTACT SIZE	L MIN.	
	PIN INSERT	SOCKET INSERT
# 8	48	
#12	46	43
#16	43	38
#20	40	37.5

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(8mm~5.5mm)
		CONT-JL05-08P-C2		CONT-JL05-08S-C2			AWG#10~12(5.5mm~3.5mm)
#12	INDIVIDUAL	CONT-JL05-12P-C1	SJ025428	CONT-JL05-12S-C1	SJ025429	MACHINE	AWG#12~16(3.5mm~1.25mm)
		ST-JL05-16P-C1		ST-JL05-16S-C1			AWG#14~16(2mm~1.25mm)
#16	INDIVIDUAL	ST-JL05-16P-C2	SJ025424	ST-JL05-16S-C2	SJ025425	STAMPE	AWG#16~20(1.25mm~0.5mm)
		ST-JL05-16P-C3		ST-JL05-16S-C3			AWG#20~24(0.5mm~0.2mm)
		ST-JL05-16P-C1-3500		ST-JL05-16S-C1-3500			AWG#14~16(2mm~1.25mm)
	REELS OF 3500	ST-JL05-16P-C2-3500	SJ025426	ST-JL05-16S-C2-3500	SJ025427	STAMPE	AWG#16~20(1.25mm~0.5mm)
		ST-JL05-16P-C3-3500		ST-JL05-16S-C3-3500			AWG#20~24(0.5mm~0.2mm)
#20	INDIVIDUAL	ST-JL05-20P-C1	SJ025420	ST-JL05-20S-C1	SJ025421	STAMPE	AWG#18~22(0.8mm~0.3mm)
		ST-JL05-20P-C2		ST-JL05-20S-C2			AWG#22~26(0.3mm~0.13mm)
		ST-JL05-20P-C1-10000	SJ025422	ST-JL05-20S-C1-10000	SJ025423	STAMPE	AWG#18~22(0.8mm~0.3mm)
	REELS OF 10000	ST-JL05-20P-C2-10000		ST-JL05-20S-C2-10000			AWG#22~26(0.3mm~0.13mm)

DESIGNATION

命名法

JL05-6A22-14\*PC\*-FO-R

SERIES PREFIX  
シリーズ名

6:STRAIGHT PLUG  
6:プラグ

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

PO:CRIMP TYPE OF PIN CONTACT  
SO:CRIMP TYPE OF SOCKET CONTACT  
P:SOLDER TYPE OF PIN CONTACT  
S:SOLDER TYPE OF SOCKET CONTACT

PO:クリンプピンコンタクト  
SO: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

FO:LESS CONTACTS  
FO:コンタクト無し

R:SUFFIX  
R:特殊記号

NOTE 1. COMPANY LOGO "JAE" & PART NUMBER ARE MARKED AS INDICATED.

"-FO" AND "-R" 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"-FO"及び"-R"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す。

9	EARTH LUG	1	COPPER ALLOY	SILVER PLATING	
8	RETAINING RING	1	COPPER ALLOY	ZINC PLATING	
7	BARREL	1	ALUMINUM ALLOY	ZINC PLATING	
6	C-TYPE RING	1	STAINLESS STEEL		
5	WAVE SPRING	1	STAINLESS STEEL		
4	COUPLING NUT	1	ALUMINUM ALLOY	ZINC PLATING	
3	CONTACT		COPPER ALLOY	SILVER PLATING	NOTE 2,3
2	BASE INSULATOR	1	SYNTHETIC RESIN		
1	COVER INSULATOR	1	SYNTHETIC RESIN		
符号 NO.	名称 DESCRIPTION	個数 QTY.	材料 MATERIAL	仕上 FINISH	備考 REMARKS
	仕様書(SPECIFICATION)	第1版(ORIGINAL DATE)	6.Jan.2006	図面(SCALE)	1:1
	製造 DR.	製造 CHK.	N.SASANO	シリーズ(SERIES)	JL05
	公差(GENERAL TOLERANCE)	承認 APPD.	E. Matsumoto	名称(TITLE)	JL05-6A**
	寸法(DIMENSION)	承認 APPD.	A. Omegawa	*****-R	(STRAIGHT PLUG)
	角度(ANGLES)			質量(MASS)	
	・ ±0.8	×° ±			
	・ × ±0.4	××° ±			
	・ ×× ±0.1				
	・ ××× ±				
					日本航空電子工業株式会社 JAE ELECTRONICS INDUSTRY, LTD.
					図面番号(DRAWING NO.) SJ105243
					版数 (REV.) 1

SYM.	DCN NO.	DESCRIPTION	DATE	DRAWN	CHECKED	APP'D	APP'D
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# DESIGNATION

JL05-20-29※E※

SERIES PREFIX

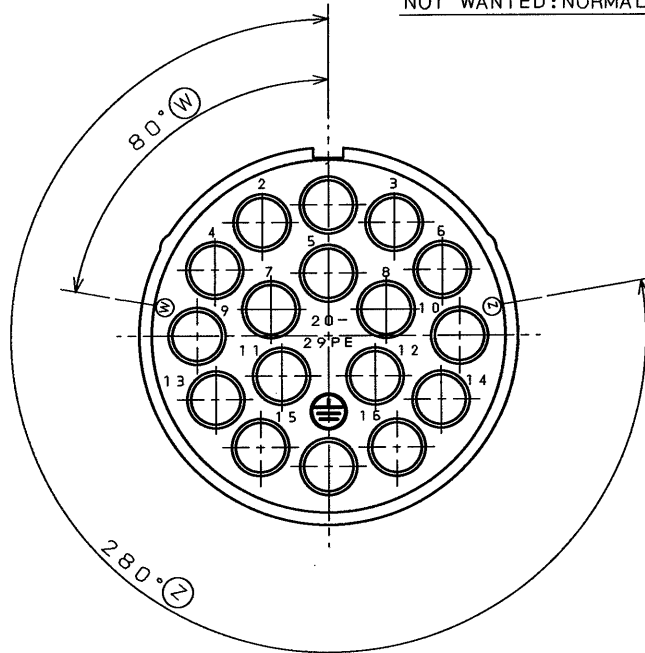
INSERT ARRANGEMENT

PE:PIN INSERT

SE:SOCKET INSERT

ALTERNATE INSERT POSITIONS:W, Z

NOT WANTED:NORMAL POSITION



# SPECIFICATION

CONTACT : SIZE #16×17  
DIELECTRIC  
WITHSTANDING VOLTAGE : AC.2000Vr.m.s.  
INSULATION RESISTANCE: 5000MΩ MIN.  
(TEST VOLTAGE DC.500V)

NOTE 1.THIS DRAWING SHOWS PIN ENGAGING FACE.

NOTE 2.IN THE CASE OF SOCKET ENGAGING FACE,  
THEIR ARRANGEMENT.POSITIONS OF LETTERS  
AND ALTERNATE ANGLES ARE REVERS

ITEM	DESCRIPTION	Q'TY	MATERIAL	FINISH	REMARKS
UNLESS OTHERWISE SPECIFIED: JACS-5071-E		DATE 21. Apr. '95	TITLE JL05-20-29※E※ Reference Only		
DIMENSIONS ARE IN MILLIMETERS		DRAWN H. SAKURADA	JAE-CONNECTOR.COM JAPAN AVIATION ELECTRONICS INDUSTRY, LTD.		
TOLERANCES ON :[INCHES]		CHECKED S. NANA O	INSERT ARRANGEMENT		
FRACTIONS		APP'D T. MORITA	MUSASHINO, AKISHIMA-SHI TOKYO, JAPAN		
DECIMALS		APP'D M. Takagi	DWG. NO.		
ANGLES		SERIES JL05	SCALE		
				S J 0 2 5 2 9 4 - E	