

CDS-1708

DWG. NO.

SYM.

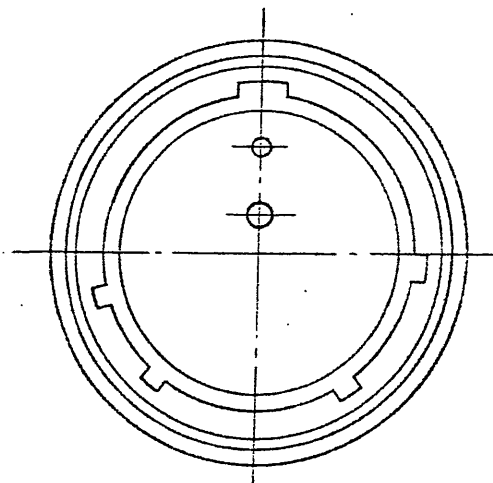
SJ016060-E 3

SYM.	DCN NO.	DESCRIPTION	DATE	DRAWN	CHECKED	APP'D	APP'D
3	062556	REVISED NOTE	16-MAR-2007	t. takeita	t. matsumoto	-	A. Onogawa

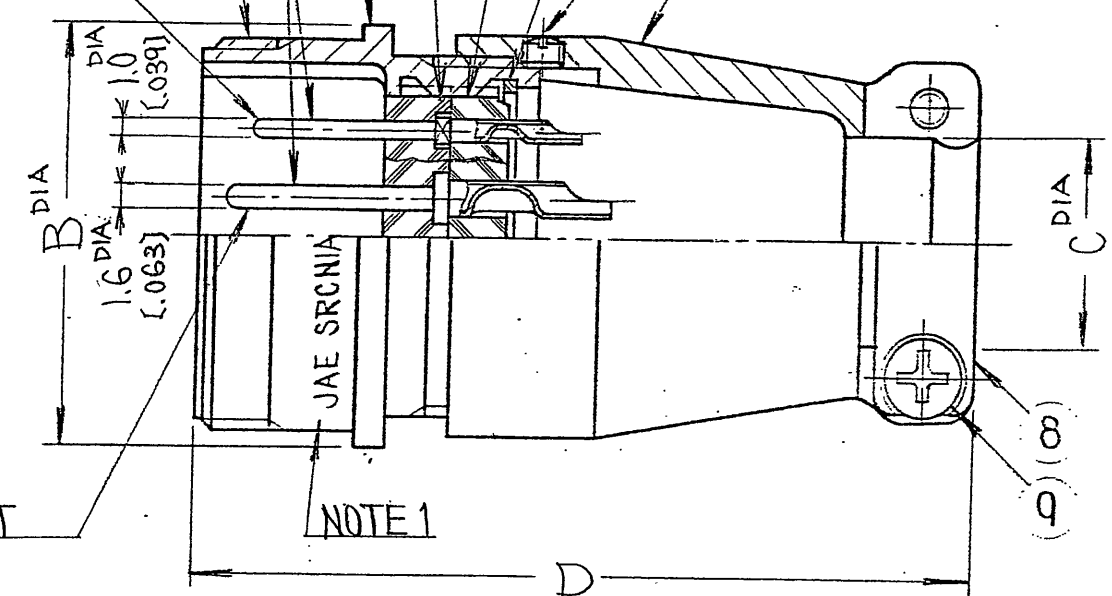
A THREAD

#20 CONTACT

1 2 3 4 5 6 7 PIN INSERT



#16 CONTACT



IDENTIFICATION

SRCN 1A \*-\*\*\*

(OMIT FOR NORMAL)

ALTERNATE INSERT POSITION

CONTACT TYPE: P-PIN CONTACT, S-SOCKET CONTACT

NUMBER OF CONTACTS

SHELL SIZE

CLASS

SHELL STYLE

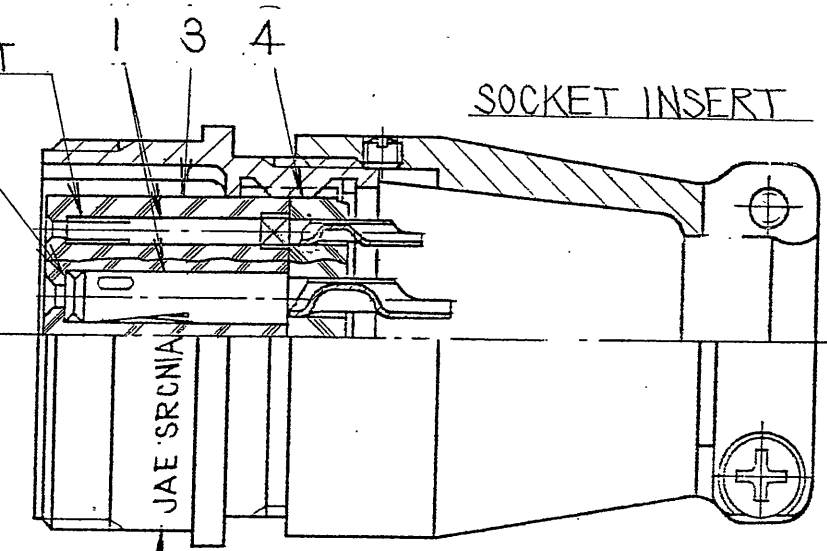
SERIES PREFIX

NOTES

1. METAL STAMPS "JAE" "SRCN1A\*-\*\*\*"
2. FOR AVAILABLE INSERT ARRANGEMENTS, ALTERNATE POSITIONS ELECTRICAL SPECIFICATIONS AND CONTACT SIZE, REFER TO SJ014069 OR CONSULT FACTORY.

#20 CONTACT

#16 CONTACT



SOCKET INSERT

SHELL SIZE	A THREAD	B DIA	C DIA	D
13	M18 P1	[.787]	[.335]	[1.811]
16	M22 P1	[.945]	[.453]	[1.929]
21	M26 P1	[1.102]	[.551]	[2.087]
25	M30 P1	[1.260]	[.669]	[2.205]

ITEM	DESCRIPTION	Q'TY	MATERIAL	FINISH	NOTE
9	SCREWS, PAN HEAD	2	STEEL	NICKEL PLATING	
8	SADDLE, CLAMP	1	ALUMINUM ALLOY	SATIN NICKEL PLATING	
7	ENDBELL	1	ALUMINUM ALLOY	SATIN NICKEL PLATING	
6	SLOTTED SET SCREW	1	STEEL	NICKEL PLATING	COLOR: BLACK
5	RING, RETAINING	1	COPPER ALLOY	NICKEL PLATING	
4	INSULATOR, REAR	1	PLASTIC	NONE	UL FLAME CLASS 94V-0
3	INSULATOR, FRONT	1	PLASTIC	NONE	UL FLAME CLASS 94V-0
2	SHELL	1	ALUMINUM ALLOY	SATIN NICKEL PLATING	
1	CONTACTS	—	COPPER ALLOY	SILVER PLATING	SEE NOTE 2

REQUIREMENTS

TEMPERATURE -25°C ~ +85°C  
RELATIVE HUMIDITY 85% MAX  
INSULATION RESISTANCE 1000 MΩ MIN (AT DC 500V)

NOTE 1

UNLESS OTHERWISE SPECIFIED			
DIMENSIONS ARE IN MILLIMETERS			
TOLERANCES ON: (INCHES)			
FRACTIONS	DECIMALS	XX	ANGLES
±2	±0.8	±0.2	±1/2°
(±.019)	(±.031)	(±.008)	

DATE	5-26-1981
DRAWN	M. Komatsu
CHECKED	M. Inoue, M. Ishiguro
APP'D	T. Kawamura
APP'D	T. Yajima

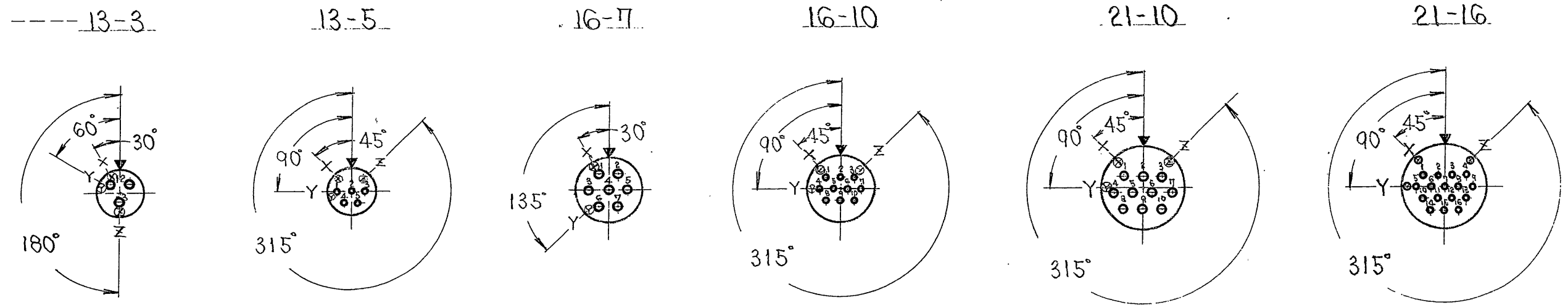
TITLE	CONNECTOR PLUG ELECTRICAL CABLE - CONNECTING SRCN 1A
SCALE	NONE
DWG. SIZE	B
WT.	

FINISH	NOTE
JAE-CONNECTOR.COM	
JAPAN AVIATION ELECTRONICS IND. CO. LTD.	
Reference Only	
FACTORY	
NAKAGAMI-CHO, AKISHIMA -SHI TOKYO. JAPAN	
DWG. NO.	
SJ016060-E	
SHEET	

NEXT ASS'Y	USED ON	NEXT ASS'Y	FINAL ASS'Y
APPLICATION		QT'Y REQ'D	

DWG. NO.	SYM.	SYM.	DCN NO.	DESCRIPTION	DATE	DRAWN	CHECKED	APP'D	APP'D
SJ.014069-E	3	2	DCN-14326	Add SRCN	81.5.26	M. Komatsu	M. Komatsu	M. Komatsu	T. Yajima
		3	062556	REVISED SPECIFICATION	2007.3.16	t. takesita	g. matsumoto	-	A. Onogawa

INSERT  
ARRANGEMENT



OPERATING CURRENT --- 10A  
CONTACT SIZE ----- #16

5A  
#20

10A  
#16

5A  
#20

10A  
#16

5A  
#20

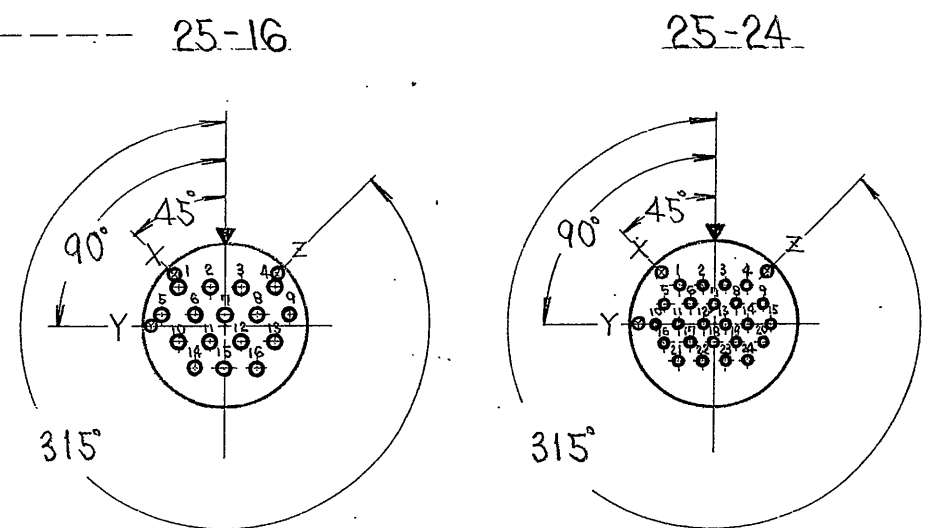
SERVICE RATING

WITHSTANDING VOLTAGE AC 1000 V.r.m.s. (FOR 1 MINUTE)  
INSULATION RESISTANCE 1000 MΩ MIN (AT D.C. 500V)

NOTES

1. ALL INSERT LAYOUTS ARE SHOWN IN FRONT-VIEW FROM ENGAGING FACE OF PIN INSERT (SOCKET INSERT OPPOSITE).
2. ▼ INDICATES LOCATION OF CENTERLINE OF KEY OR KEY WAY OF SHELLS IN FIXED NORMAL POSITION. FOR ALTERNATE INSERT POSITIONS, INSERT IS ROTATED AS SHOWN BY ARROW AND LETTERS.

INSERT  
ARRANGEMENT



OPERATING CURRENT ----- 10A  
CONTACT SIZE ----- #16

5A  
#20

				ITEM	DESCRIPTION	Q'TY	MATERIAL	FINISH	PART NO.			
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON:		DATE 10-11-1974	TITLE △ INSERT ARRANGEMENTS SRC AND SRCN ELECTRICAL CONNECTORS			JAPAN AVIATION ELECTRONICS IND. CO. LTD. FACTORY NAKAGAMI-CHO, AKISHIMA-SHI TOKYO, JAPAN		
FRACTIONS		DECIMALS	ANGLES	DRAWN M. Sugita	CHECKED M. Yajima							
			±1/2	APP'D Hirotsugu	APP'D A. Kishimoto							
TREATMENT OR FINISH						SCALE X1				DWG. SIZE B	WT.	
										SHEET		
NEXT ASS'Y		USED ON		NEXT ASS'Y		FINAL ASS'Y		SJ 014069-E				
APPLICATION		QT'Y REQ'D										