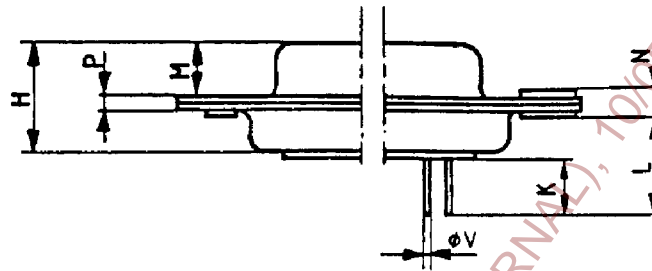


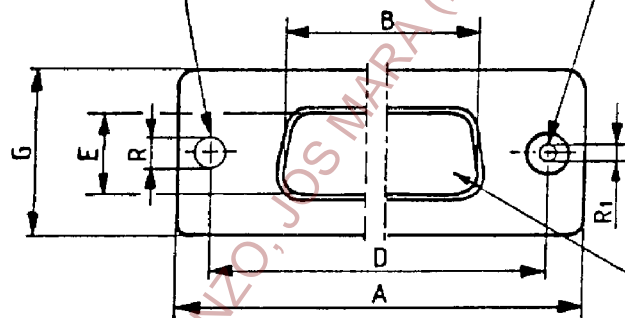
FEMALE
CONNECTOR

MALE
CONTACTS



TYPE A
RIGID MOUNTING

TYPE AF
FLOATING MOUNTING



MARKING
(SEE NOTE 2)

APPLY INTERFACIAL
SEAL

TABLE 1

TYPE STRAIGHT CONT. MOUNTING		SHELL SIZE AND NUMBER OF CONTACT	TYPE OF CONTACT	A	B	D	E	G	H	K	L
RIGID	FLOATING			+ 0,76 (+ .030)	+ 0,25 (+ .010)	+ 0,25 (+ .010)	+ 0,25 (+ .010)	+ 0,76 (+ .030)	MAX.	± 0,30 (± .011)	MAX.
A	AF	09	P	30,43 (1.198)	16,79 (.661)	24,87 (.979)	8,23 (.324)	12,17 (.479)	10,99 (.433)	5,10 (.201)	10,40 (.409)
		15		38,76 (1.526)	25,12 (.989)	33,20 (1.307)			11,07 (.436)		
		25		52,65 (2.073)	38,84 (1.529)	46,91 (1.847)			11,09 (.437)		
		37		68,94 (2.714)	55,30 (2.177)	63,37 (2.495)					
		50		66,55 (2.620)	52,68 (2.074)	60,99 (2.401)	11,08 (.436)	14,99 (.590)			

Page	01	02	03	04	05	06	07	08	09	10			
Iss. / Rev.	①	04/88	04/88	04/88	04/88	04/88	04/88	04/88	04/88	①			
Approved AIRBUS INDUSTRIE 		Title CONNECTORS, D-SUB WITH SOLDER CONTACTS FOR PC-CARDS									Classification ABS0383		
		Issue: 04/88 Revision: ① 07/89									Page 01 of 10		

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TABLE 2

TYPE STRAIGHT CONT. MOUNTING		SHELL SIZE AND NUMBER OF CONTACTS	TYPE OF CONTACT	M		N	P	R	R ₁	V	MASS
RIGID	FLOATING			MIN.	MAX.	MAX.	+ 0,22 (+ .009)	+ 0,08 - 0,10 (+ .003) (- .004)	+ 0,10 (+ .004)	+ 0,03 (±.001)	g/pce
A	AF	09	P	5,82 (.229)	6,05 (.238)	2,85 (.112)	0,80 (.031)	3,10 (.122)	2,20 (.087)	0,63 (.025)	5,4
		15									7,6
		25		5,69 (.224)	5,99 (.236)	3,05 (.120)	1,00 (.039)				10,8
		37									16,7
		50									18,9

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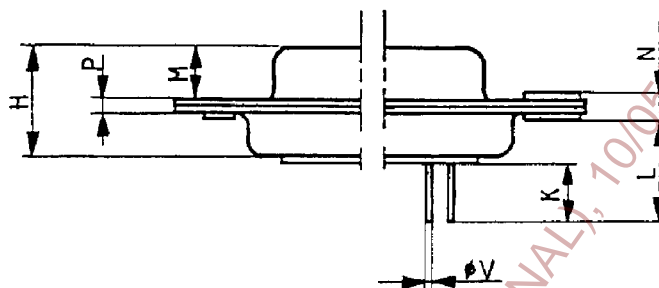
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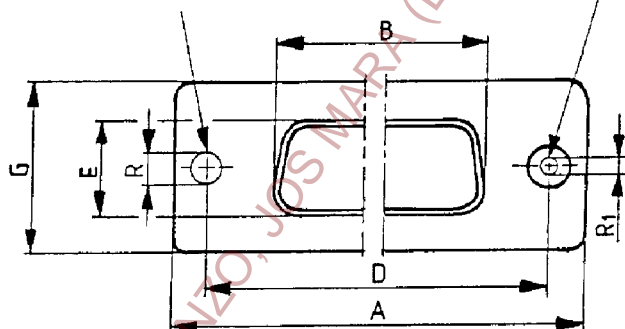
MALE
CONNECTOR

FEMALE
CONTACTS



TYPE A
RIGID MOUNTING

TYPE AF
FLOATING MOUNTING



MARKING
(SEE NOTE 2)

TABLE 3

TYPE STRAIGHT CONT. MOUNTING		SHELL SIZE AND NUMBER OF CONTACTS	TYPE OF CONTACTS	A	B	D	E	G	H	K	L
RIGID	FLOATING			+ 0,76 (+ .030)	+ 0,25 (+ .010)	+ 0,25 (+ .010)	+ 0,25 (+ .010)	+ 0,76 (+ .030)	MAX.	± 0,30 (± .011)	MAX.
A	AF	09	S	30,43 (1.198)	16,21 (.638)	24,87 (.979)	7,77 (.306)	12,17 (.479)	11,21 (.441)	5,10 (.201)	10,40 (.409)
		15		38,76 (1.526)	24,54 (.966)	33,20 (1.307)					
		25		52,65 (2.073)	38,25 (1.506)	46,91 (1.847)					
		37		68,94 (2.714)	54,71 (2.154)	63,37 (2.495)					
		50		66,55 (2.620)	52,30 (2.059)	60,99 (2.401)	10,62 (.418)	14,99 (.590)			

Classification

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TABLE 3

TYPE STRAIGHT CONT. MOUNTING		SHELL SIZE AND NUMBER OF CONTACTS	TYPE OF CONTACT	M	N	P	R	R ₁	Ø V	MASS
RIGID	FLOATING			+ 0,25 (+ .010)	MAX.	+ 0,22 (+ .009)	+ 0,08 - 0,10 + .003 (- .004)	+ 0,10 (+ .004)	±0,03 (±.001)	g/pce
A	AF	09	S	6,05 (.238)	2,85 (.112)	0,80 (.031)	3,10 (.122)	2,20 (.087)	0,63 (.025)	6,5
		15								8,8
		25								13,0
		37								19,0
		50								22,0

Classification

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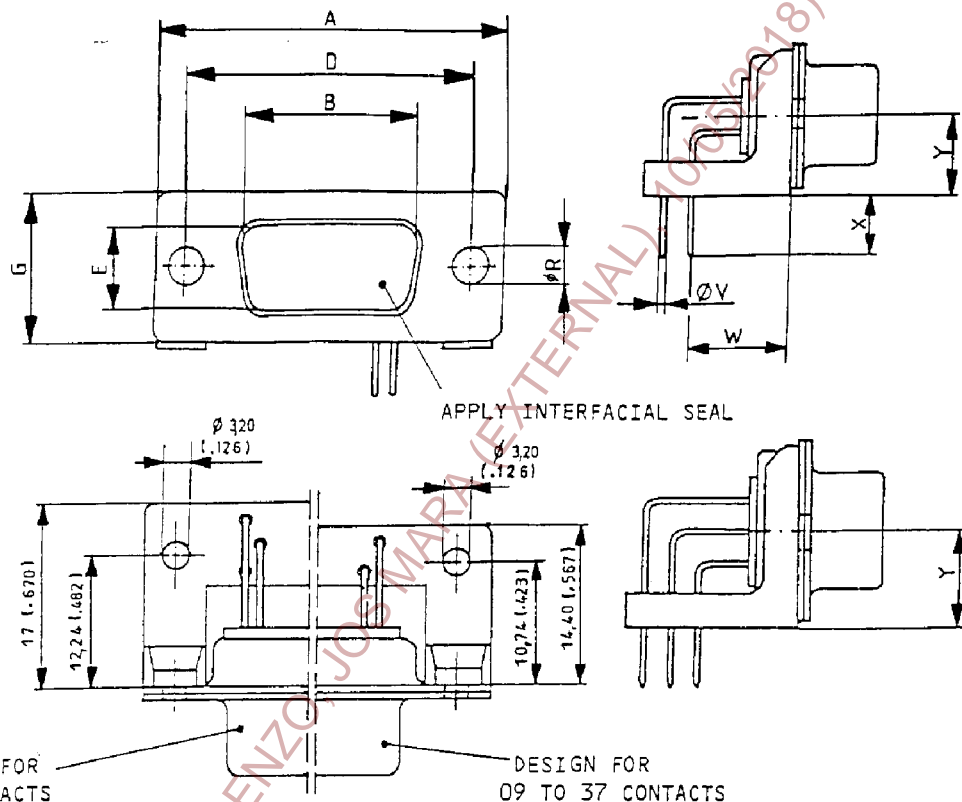
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TYPE B

**FEMALE
CONNECTOR**

**MALE
CONTACTS**



MARKING
(SEE NOTE 2)

TABLE 5

TYPE ANGLED CONT. MOUNTING	SHELL SIZE AND NUMBER OF CONTACTS	TYPE OF CONTACT	A	B	D	E	G	Ø R
RIGID			+ 0,76 (+ .030)	+ 0,25 (+ .010)	+ 0,25 (+ .010)	+ 0,25 (+ .010)	+ 0,76 (+ .030)	MIN.
B	09	P	30,43 (1.198)	16,79 (.661)	24,87 (.979)	8,23 (.324)	12,17 (.479)	3,00 (.118)
	15		38,76 (1.526)	25,12 (.989)	33,20 (1.307)			
	25		52,65 (2.073)	38,84 (1.529)	46,91 (1.847)			
	37		68,94 (2.714)	55,30 (2.177)	63,37 (2.495)			
	50		66,55 (2.620)	52,68 (2.074)	60,99 (2.401)	11,08 (.436)	14,99 (.590)	

Classification

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TABLE 6

TYPE ANGLED CONT. MOUNTING	SHELL SIZE AND NUMBER OF CONTACTS	TYPE OF CONTACT	ϕ V	W	X	Y	MASS
			$\pm 0,03$ ($\pm .001$)	$\pm 0,10$ ($\pm .004$)	MAX.		g/pce
B	09	P	0,63 (.025)	9,40 (.370)	4,50 (.177)	7,20 (.283)	7,1
	15						9,7
	25						13,8
	37						20,5
	50					8,60 (.339)	24,4

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TYPE B
MALE
CONNECTOR
FEMALE
CONTACTS

MARKING
(SEE NOTE 2)

DESIGN FOR
50 CONTACTS

DESIGN FOR
09 TO 37 CONTACTS

TABLE 7

TYPE ANGLED CONT. MOUNTING	SHELL SIZE AND NUMBER OF CONTACTS	TYPE OF CONTACT	A	B	D	E	G	Ø R
RIGID			+ 0,76 (+.030)	+ 0,25 (+.010)	+ 0,25 (+.010)	+ 0,25 (+.010)	+ 0,76 (+.030)	MIN.
B	09	S	30,43 (1.198)	16,21 (.638)	24,87 (.979)	7,77 (.306)	12,17 (.479)	3,00 (.118)
	15		38,76 (1.526)	24,54 (.966)	33,20 (1.307)			
	25		52,65 (2.073)	38,25 (1.506)	46,91 (1.847)			
	37		68,94 (2.714)	54,71 (2.154)	63,37 (2.495)			
	50		66,55 (2.620)	52,30 (2.059)	60,99 (2.401)	10,62 (.418)	14,99 (.590)	

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TABLE 8

TYPE ANGLED CONT. MOUNTING	SHELL SIZE AND NUMBER OF CONTACTS	TYPE OF CONTACT	ϕV	W	X	Y	MASS
RIGID			$\pm 0,03$ ($\pm .001$)	$\pm 0,10$ ($\pm .004$)	MAX.		g/pce
B	09	S	0,63 (.025)	9,40 (.370)	4,50 (.177)	7,20 (.283)	7,7
	15						10,6
	25						15,6
	37						22,2
	50						27,1

Classification

ABS0383

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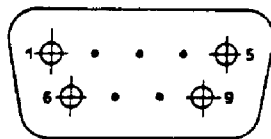
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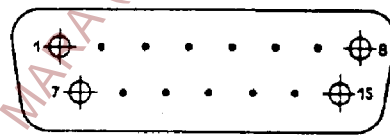
CONTACT LAYOUT:

FRONT VIEW OF PIN INSULATOR

CONTACTS SHOULD BE INDIVIDUALLY NUMBERED ON BOTH SIDES OF THE INSULATOR
MINIMUM AT EACH END OF EACH ROW PERMANENTLY AND LEGIBLY



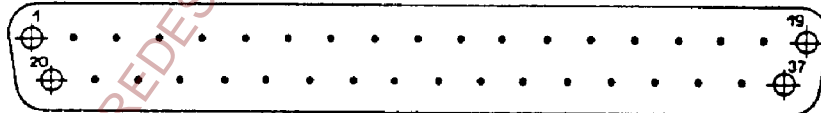
09 CONTACTS



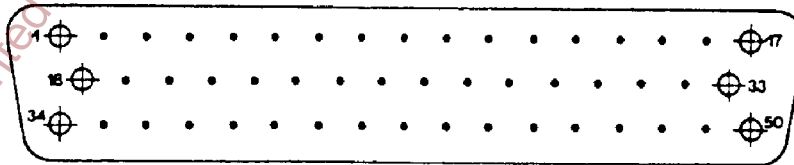
15 CONTACTS



25 CONTACTS



37 CONTACTS



50 CONTACTS

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FORM AIF 8003

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MATERIAL : SHELL : PASSIVATED CADMIUM-PLATED STEEL
INSULATOR : SELF-EXTINGUISHING THERMOSET
CONTACT : COPPER ALLOY

CONTACT PLATING	ACTIVE ZONE	TERMINATION ZONE
-	GOLD OVER NICKEL	GOLD OVER NICKEL
01		TIN-PLATED

OPERATING TEMPERATURE RANGE : -55°C TO +125°C
CONTACTS NONREMOVEABLE : SIZE 20
CONTACT RESISTANCE : $\leq 8,5 \text{ m}\Omega$
OPERATING CURRENT : MAX. 7,5 A PER CONTACT
DIELECTRIC STRENGTH : 1000 V RMS, 50 Hz
INSULATION RESISTANCE : $\geq 5000 \text{ M}\Omega$
FLAMMABILITY (INSULATOR) : PER UL94 CLASS V-0
MECHANICAL LIFE : 500 MATINGS
ASSEMBLY PROCESS : 80-T-40-3200

USE : CONNECTOR ASN-E0237
SLIDING LOCK-RETAINER (SEE NOTE 4) ABS0608
SPRING RETAINER ABS0655
SCREW LOCK (SEE NOTE 4) ABS0609
SPRING LATCH ABS0656
COVER (SEE NOTE 4) ABS0640
COVER FOR MALE D-SUB CONNECTOR ABS0639
COVER FOR FEMALE D-SUB CONNECTOR ABS0640

CUT OUT ON PC-CARDS : NSA937801-381 TO -385
CUT OUT FOR REAR AND FRONT PANEL MOUNTING : NSA937802-180 TO -199
CUT OUT : FOR REAR PANEL MOUNTING NSA937802-185
FOR FRONT PANEL MOUNTING NSA937802-184

EXAMPLE OF PART NUMBER : CONNECTOR ABS0383A15S01
DESIGNATION _____
STANDARD-NO. _____
TYPE (STRAIGHT CONT. RIGID MOUNTING) _____
SHELL SIZE _____
TYPE OF CONTACTS P FOR PIN
S FOR SOCKET
CONTACT PLATING (SEE MATERIAL AND NOTE 3) _____

- NOTES ; 1 DIMENSIONS IN mm (inch)
2 EACH PART MUST BE PERMANENTLY AND LEGIBLY MARKED WITH THE STANDARD-NO. OR MANUFACTURER'S REFERENCE
3 WHEN MOUNTING ON PC-CARDS AND SUBSEQUENT FLOW SOLDERING, THE CONTACTS ON THE TERMINATION ZONE MUST BE TIN-PLATED
4 INACTIVE FOR NEW DESIGN

Classification

ABS0383

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