FEATURES AND SPECIFICATIONS

Modular Jack

95009

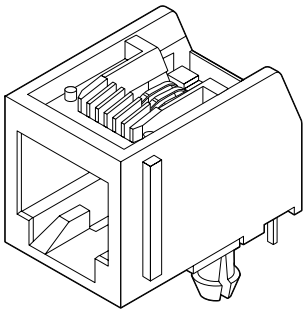
Right Angle, Standard Profile Flush Mount

Features and Benefits
- Industry compatible footprints
- Flush mount
- Split snap-fit retention pegs
- High reliability, square contacts

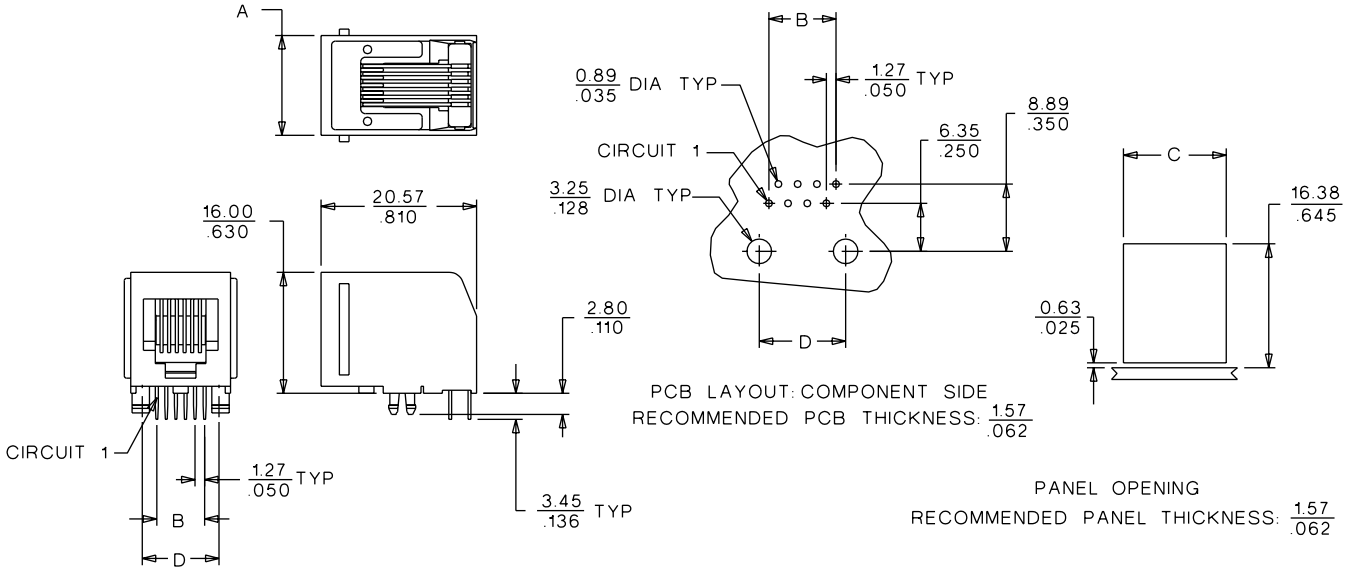
Reference Information
Product Specification: PS-95009-E
Packaging: Tray
UL File No.: E107635
Mates With: FCC 68 plugs
Designed In: Millimeters

Electrical
Voltage: 125V
Current: 1.5A
Contact Resistance: 20mΩ max.
Dielectric Withstanding Voltage: 1000V
Insulation Resistance: 500 MΩ min.

Physical
Housing: Black polyester, UL 94V-0
Contact: Phosphor Bronze
Plating: Post plate 1.27 to 1.52µm (50 to 60µ") Gold in contact area, 1.90µm (75µ") min. (90/10) Tin/Lead in tail area both over Nickel overall
Operating Temperature: -40 to +80˚C



CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Circuits	Loaded Contacts	Order No.	Mounting Rib	Dimension			
				A	B	C	D
4	4	• 95009-2441	Yes	11.18 (.440)	3.81 (.150)	11.56 (.455)	7.62 (.390)
		95009-2447	No				
6	4	• 95009-2641	Yes	13.21 (.520)	3.81 (.150)	13.59 (.535)	10.16 (.400)
		• 95009-2647	No				
6	6	95009-2661	Yes	13.21 (.520)	6.35 (.250)	13.59 (.535)	10.16 (.400)
		95009-2667	No				
8	8	95009-2881	Yes	15.24 (.600)	8.89 (.350)	15.62 (.615)	11.43 (.450)
		95009-2887	No				

• US Standard Product, available through Molex franchised distributors

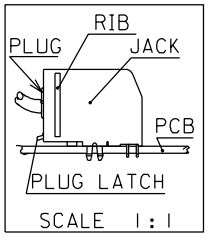
PART NO. SEE CHART
DWG. NO. SDA 95009-F

NOTES :

1- MATERIAL : POLYESTER FIBER GLASS FILED 94-V-0
COLOR BLACK .
TERMINAL : PHOSPHOR BRONZE .
PLATINGS : FINISH 1
POST PLATE (0.00076)/.000030 MIN. GOLD IN CONTACT AREA
(0.00190)/.000075 MIN. (90/10) TIN/LEAD IN TAIL AREA BOTH
OVER (0.00127)/.000050 MIN. NICKEL OVERALL .

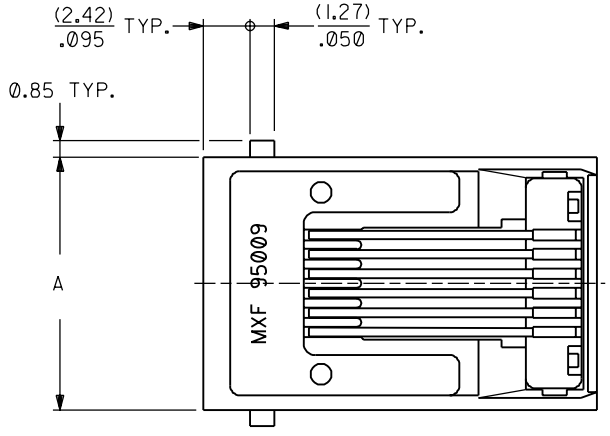
FINISH 2
SAME AS FINISH 1 EXCEPT POST PLATE (0.00127-0.00152)/
.000050-.000060 GOLD IN CONTACT AREA .

FINISH 3
SAME AS FINISH 1 EXCEPT POST PLATE (0.00038)/.000015 GOLD
IN CONTACT AREA .

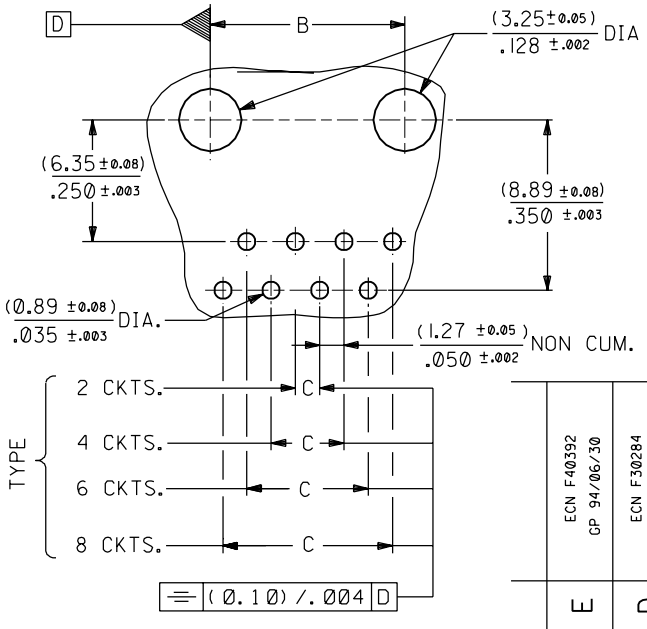


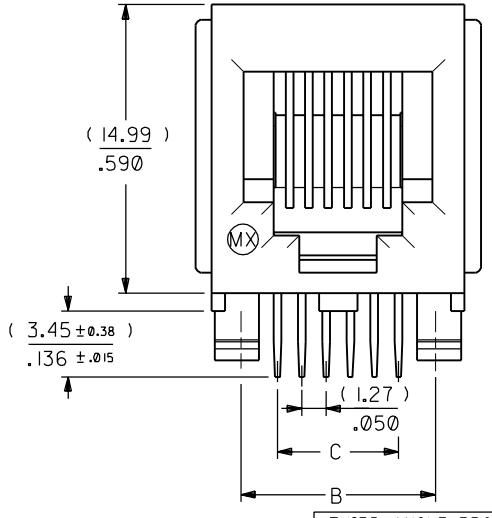
SCALE 1 : 1

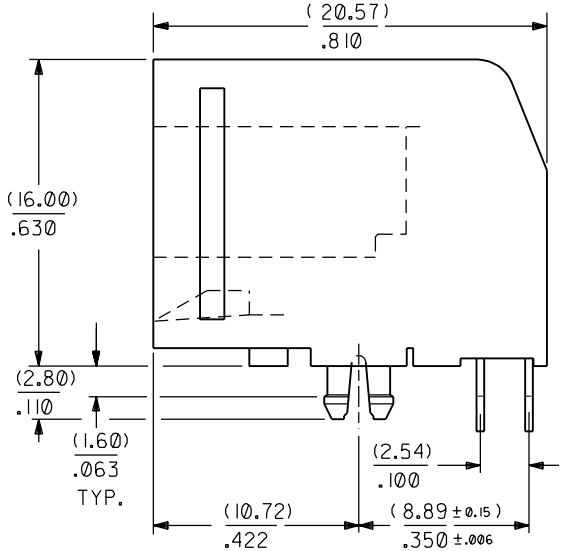
2- PC BOARD THICKNESS : (1.57) / .062 .
3- JACK FOR MATING WITH F.C.C. 68 PLUGS 90075 MOLEX SERIES .
4- PRODUCT SPECIFICATION PS-95009.
5- APPLICATION SPECIFICATION AS-95001.
6- PACKAGING SPECIFICATION PK-95029.



MOUTING HOLE PATTERNS
(SEE FROM COMPONENT SIDE)







REVISIONS	LTR
ECN F40392 GP 94/06/30	E
ECN F30284 FB 92/12/04	D
ECN F10177 GP 91/10/11	C
ECN F90028 DP 89 / 11 / 07	B
ECO MF 065 JF 19.12.88	A
ERO MF 059 JF 12.01.88	2
ERO MF 043 JF 22.04.87	1

SH.	REV.
4	E
3	E
2	E
1	E

THIRD ANGLE PROJECTION

REVISE ONLY ON CAD SYSTEM

DIMENSIONS SHOWN (METRIC) INCH

UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± ½°

	INCH	(METRIC)
3 PLACE	± .010	
2 PLACE	± .014	± 0.25
1 PLACE		± 0.35

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DESIGN DIMENSION (PRIMARY) ☒ (MM) ☐ IN.

EQUIVALENT DIMENSION (SECONDARY) ☐ (MM) ☒ IN.

DRWG BY: DP
CHK'D BY:
APP'D BY:
SCALE: 4 : 1

CADCAM FILENAME S95009X1 DGN

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TITLE
FLUSH MOUNT RIGHT ANGLE MODULAR JACK ASSEMBLY THROUGH HOLE VERSION.

MOLEX EUROPE

SHEET NO. 1 OF 4

DATE 86/10/23

PART NO. SEE CHART SHEET 2

DWG NO. SDA 95009-F

SIZE B

7132-1283

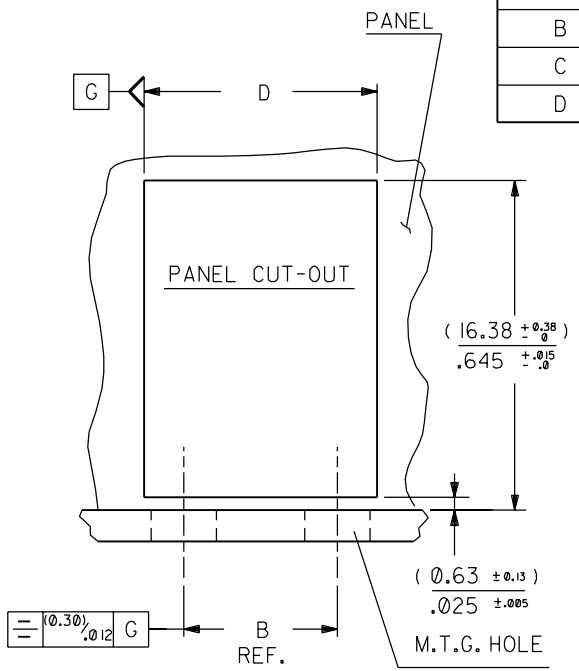
PART NO. SEE CHART
DWG. NO. SDA 95009-F

PLATING \ TYPE	POS. 4	TOOLED	POS. 6	TOOLED	POS. 6	TOOLED	POS. 6	TOOLED	POS. 8	TOOLED	POS. 8	TOOLED	POS. 8	TOOLED
	4 CKTS.		2 CKTS.		4 CKTS.		6 CKTS.		4 CKTS.		6 CKTS.		8 CKTS.	
FINISH 1	95009-1441	X	95009-1621		95009-1641	X	95009-1661	X	95009-1841		95009-1861	X	95009-1881	X
FINISH 2 (MOLEX STANDARD)	95009-2441	X	95009-2621		95009-2641	X	95009-2661	X	95009-2841		95009-2861	X	95009-2881	X
FINISH 3	95009-3441		95009-3621		95009-3641		95009-3661		95009-3841		95009-3861		95009-3881	

PART NUMBERS FOR JACK NO RIB.

PLATING \ TYPE	POS. 4	TOOLED	POS. 6	TOOLED	POS. 6	TOOLED	POS. 6	TOOLED	POS. 8	TOOLED	POS. 8	TOOLED	POS. 8	TOOLED
	4 CKTS.		2 CKTS.		4 CKTS.		6 CKTS.		4 CKTS.		6 CKTS.		8 CKTS.	
FINISH 1	95009-1447	X	95009-1627		95009-1647	X	95009-1667	X	95009-1847		95009-1867	X	95009-1887	X
FINISH 2 (MOLEX STANDARD)	95009-2447	X	95009-2627		95009-2647	X	95009-2667	X	95009-2847		95009-2867	X	95009-2887	X
FINISH 3	95009-3447		95009-3627		95009-3647		95009-3667		95009-3847		95009-3867		95009-3887	

DIM. \ TYPE	POS. 4	POS. 6			POS. 8		
	4 CKTS.	2 CKTS.	4 CKTS.	6 CKTS.	4 CKTS.	6 CKTS.	8 CKTS.
A	(11.18) / .440	(13.21) / .520	(13.21) / .520	(13.21) / .520	(15.24) / .600	(15.24) / .600	(15.24) / .600
B (±0.10)/±.004	(7.62) / .300	(10.16) / .400	(10.16) / .400	(10.16) / .400	(11.43) / .450	(11.43) / .450	(11.43) / .450
C (±0.10)/±.004	(3.81) / .150	(1.27) / .050	(3.81) / .150	(6.35) / .250	(3.81) / .150	(6.35) / .250	(8.89) / .350
D $(^{+0.38}_{-0})$/$\pm^{.015}_{0}$	(11.56) / .455	(13.59) / .535	(13.59) / .535	(13.59) / .535	(15.62) / .615	(15.62) / .615	(15.62) / .615



THIRD ANGLE PROJECTION

REVISE ONLY ON CAD SYSTEM | SH. | REV.

LTR	REVISIONS
E	ECN F40392 GP 94/06/30
B	ECN F90028 DP 89/11/07
A	ECO MF 065 JF 19.12.88
2	ERO MF 059 JF 12.01.88
1	ERO MF 043 JF 22.04.87

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ±½

	INCH	(METRIC)
3 PLACE	± .010	
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1 PLACE		± 0.35

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DESIGN DIMENSION (PRIMARY) ☒ (MM) ☐ IN.
EQUIVALENT DIMENSION (SECONDARY) ☐ (MM) ☒ IN.

DRWG BY: DP
CHK'D BY:
APP'D BY:
SCALE: 4 : 1

CADCAM FILENAME S95009X2 DGN

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TITLE: FLUSH MOUNT RIGHT ANGLE MODULAR JACK ASSEMBLY THROUGH HOLE VERSION.

MOLEX EUROPE | SHEET NO. 2 OF 4 | DATE 87/04/22

PART NO. SEE CHART | DWG NO. SDA 95009-F | SIZE B

7132-1283