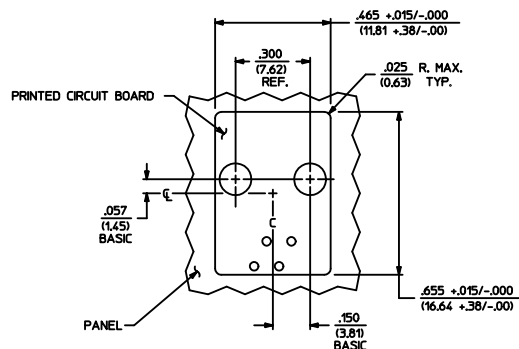
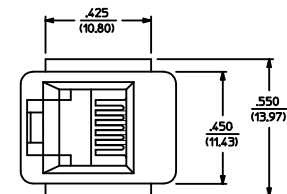


20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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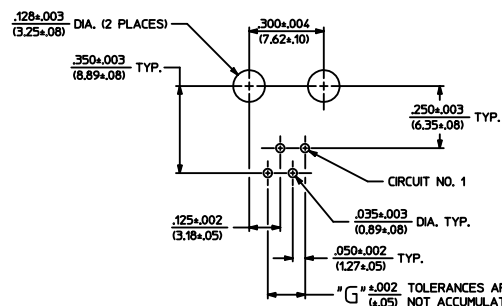
NOTES:

- 1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED U.L. 94 V-0. COLOR IS BLACK, TERMINALS ARE .015/(0.38) THICK PHOSPHOR BRONZE.
- 2) TERMINAL PLATING OPTIONS PER ES-88-***:
 - A - SELECT GOLD IN CONTACT AREA: 50 MICRONS INCHES.
 - WITH SELECT MATTE TIN IN PC TAIL AREA: 100 MICRONS INCHES MIN.
 - WITH OVERALL NICKEL UNDERPLATE: 50 MICRONS INCHES MIN.
- 3) THESE MODULAR JACKS MEET THE PERFORMANCE REQUIREMENTS OF MOLEX PRODUCT SPECIFICATION PS-4240.
- 4) CONNECTORS ARE TO BE PACKED IN THERMOFORMED TRAYS, PER PACKAGING SPECIFICATION PK-42410-492.
- 5) ALL JACKS ARE DESIGNED TO BE USED WITH .062(1/16) OR .125(3/16) THICK P.C. BOARDS.
- 6) ALL JACKS CONFORM TO AND ACCEPT PLUGS WHICH CONFORM TO FCC RULES AND REGULATIONS PART 68, SUBPART F, WHEN PLATED WITH 50 MICRONS INCHES GOLD.
- 7) ALL JACKS MUST BE CAPABLE OF FITTING INTO MOLEX GAGE G-42410 (CONNECTOR SIZE 4).
- 8) SEE SHEETS 2 & 4 FOR CONNECTOR SIZE 6.
- 9) SEE SHEETS 3 & 4 FOR CONNECTOR SIZE 8.
- 10) SEE SHEET 4 FOR ASSEMBLY ITEM NUMBERS.
- 11) THIS MODULAR JACK ASSEMBLY IS ALSO AVAILABLE IN A UL 94V-0 RATED, GLASS-FILLED NYLON. (SEE MOLEX DRAWING SDA-43576)
- 12) ENGRAVED NUMBERS ON HOUSING BODY ARE FOR MOLDING IDENTIFICATION ONLY. THEY ARE NOT INTENDED FOR ASSEMBLY IDENTIFICATION PURPOSES.
- 13) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

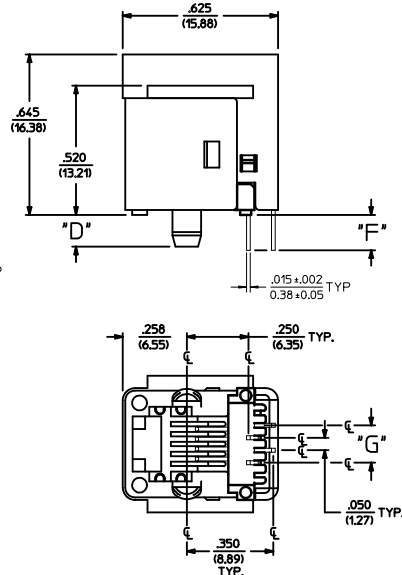
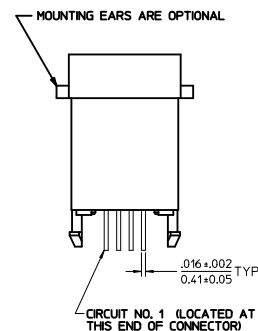
P.C. BOARD THICKNESS	DIM. "D" (MTG. PEGS)	DIM. "F" (P.C. TAILS)	CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
0.062"	.128 (3.25)	.120 +.015/- .025 (3.05 +.38/- .63)	4	4	.150 (3.81)
0.125"	.191 (4.85)	.205 +.015/- .025 (5.21 +.38/- .63)	4	2	.050 (1.27)



PANEL CUT-OUT FOR CONNECTOR SIZE 4



P.C. BOARD LAYOUT FOR CONNECTOR SIZE 4



SIZE 4 MODULAR JACK LOADED WITH 4 TERMINALS SHOWN ABOVE
(SEE SHEET 4 FOR PART NUMBER AVAILABILITY)

ADD. TERMINAL DIM EC NO. IEC2014-3630 DRAWN: JAGUAR 2011/06/06 CHECKED: BELL 2011/06/09 APPROVED: TH 2012/02/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	THIRD ANGLE PROJECTION
	▽=0 ▽=0 ▽=0	.mm .INCH 4 PLACES ± .001 3 PLACES ± .010 2 PLACES ± 0.25 1 PLACE ± .001	DRAWN BY DATE GLT 1990/10/12 CHECKED BY DATE BAP 1990/10/12 APPROVED BY DATE FSM TH 2012/02/14	TITLE ASSEMBLY; VERTICAL MODULAR JACKS (CONNECTOR SIZE 4) MOLEX INCORPORATED			
		ANGULAR ± 1/2°	MATERIAL NO.	DOCUMENT NO.		SHEET NO.	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE SHEET 4	SDA-42410-****		1 OF 4	
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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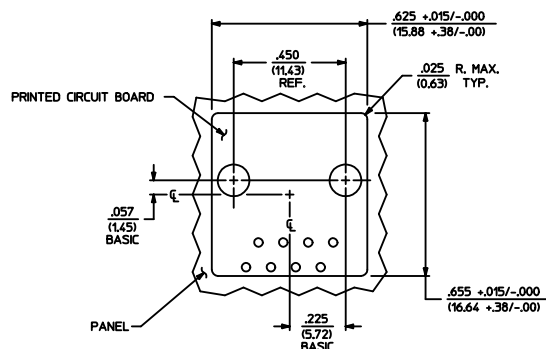
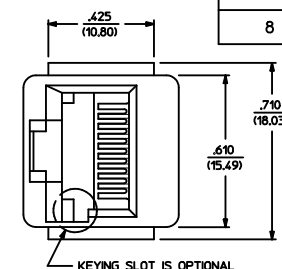
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Rev. F 2009/06/17

NOTES:

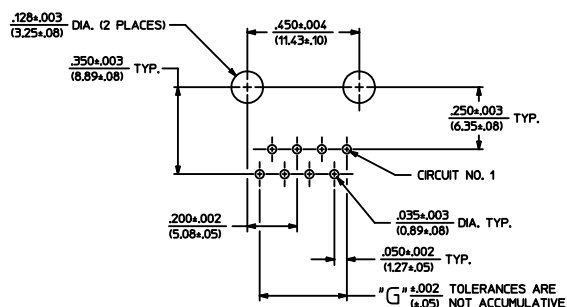
- 1) MATERIALS: HOUSING PARTS ARE MADE OF POLYESTER, RATED UL 94 V-0. COLOR IS BLACK. TERMINALS ARE .015/(0.38) THICK PHOSPHOR BRONZE.
- 2) TERMINAL PLATING OPTIONS PER ES-88-****:
A - SELECT GOLD IN CONTACT AREA: 50 MICROINCHES MIN.
SELECT MATTE TIN IN PC TAIL AREA: 100 MICROINCHES MIN.
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES MIN.
- 3) THESE MODULAR JACKS MEET THE PERFORMANCE REQUIREMENTS OF MOLEX PRODUCT SPECIFICATION PS-42410.
- 4) CONNECTORS ARE TO BE PACKED IN THERMOFORMED TRAYS, PER PACKAGING SPECIFICATION PK-42410-492.
- 5) ALL JACKS ARE DESIGNED TO BE USED WITH .062/(1.57) OR .125/(3.18) THICK P.C. BOARDS.
- 6) ALL JACKS CONFORM TO AND ACCEPT PLUGS WHICH CONFORM TO FCC RULES AND REGULATIONS PART 68, SUBPART F, WHEN PLATED WITH 50 MICROINCHES GOLD.
- 7) ALL JACKS MUST BE CAPABLE OF FITTING INTO MOLEX GAGE G-42410 (CONNECTOR SIZE 4).
- 8) SEE SHEETS 1 & 4 FOR CONNECTOR SIZE 4.
- 9) SEE SHEETS 2 & 4 FOR CONNECTOR SIZE 6.
- 10) SEE SHEET 4 FOR ASSEMBLY ITEM NUMBERS.
- 11) THIS MODULAR JACK ASSEMBLY IS ALSO AVAILABLE IN A UL 94V-0 RATED, GLASS-FILLED NYLON. (SEE MOLEX DRAWING SDA-43576)
- 12) ENGRAVED NUMBERS ON HOUSING BODY ARE FOR MOLDING IDENTIFICATION ONLY. THEY ARE NOT INTENDED FOR ASSEMBLY IDENTIFICATION PURPOSES.
- 13) ALL UNTOLERANCED DIMENSIONS ARE SHOWN FOR REFERENCE ONLY.

P.C. BOARD THICKNESS	DIM. "D" (MTG. PEGS)	DIM. "F" (P.C. TAILS)
.062/(1.57)	.128 (3.25)	.120 +.015/-.025 (3.05 +.38/-.63)
.125/(3.18)	.191 (4.85)	.205 +.015/-.025 (5.21 +.38/-.63)

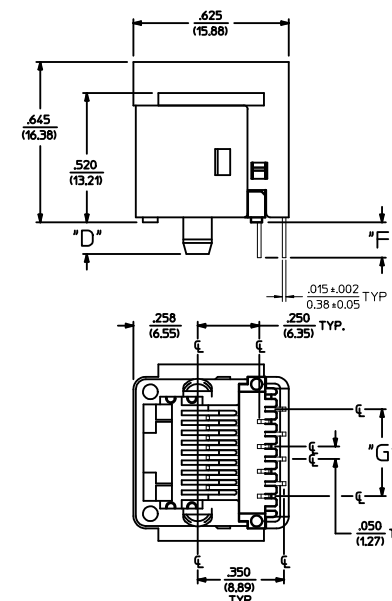
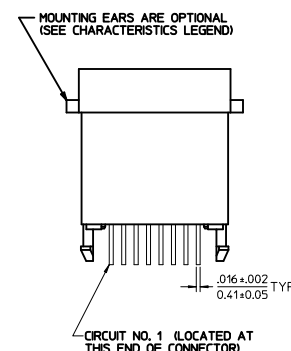
CONNECTOR SIZE	CIRCUIT SIZE	DIM. "G"
8	8	.350 (8.89)
8	6	.250 (6.35)
8	4	.150 (3.81)
8	2	.050 (1.27)



PANEL CUT-OUT FOR CONNECTOR SIZE 8



P.C. BOARD LAYOUT FOR CONNECTOR SIZE 8



SIZE 8 MODULAR JACK LOADED WITH 8 TERMINALS SHOWN ABOVE

(SEE SHEET 4 FOR PART NUMBER AVAILABILITY)

SEE SHEET 1 EC NO. UJ2211-3830 DRAWN: JADILUR CHECKED: JADILUR APPROVED: JADILUR DATE: 2012/02/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		mm	INCH	IN/MM	DATE	4:1	INCH	
	▽=0	4 PLACES ± ---	± ---	DRAWN BY	1990/10/12	TITLE	ASSEMBLY, VERTICAL MODULAR JACKS (CONNECTOR SIZE 4)	
	▽=0	3 PLACES ± ---	± .010	CHECKED BY	DATE			
	▽=0	2 PLACES ± 0.25	± ---	BAP	1990/10/12			
		1 PLACE ± ---	± ---	APPROVED BY	DATE			
		ANGULAR ±1/2°		FSMITH	2012/02/14			
	REV	DESCRIPTION	MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
	N1	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE SHEET 4		SDA-42410-****			3 OF 4
			SIZE D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

SIZE 4 VERTICAL MODJACK ASSEMBLIES						SIZE 6 VERTICAL MODJACK ASSEMBLIES						SIZE 8 VERTICAL MODJACK ASSEMBLIES								
PART CHARACTERISTICS						PART CHARACTERISTICS						PART CHARACTERISTICS								
ASSEMBLY ITEM NUMBER	EXTERNAL CONNECTOR SIZE	NUMBER OF POSITIONS	P.C. BOARD THICKNESS	MOUNTING EARS OPTION	TERMINAL PLATING OPTION	ASSEMBLY ITEM NUMBER	EXTERNAL CONNECTOR SIZE	NUMBER OF POSITIONS	P.C. BOARD THICKNESS	KEYING OPTION	MOUNTING EARS OPTION	TERMINAL PLATING OPTION	ASSEMBLY ITEM NUMBER	EXTERNAL CONNECTOR SIZE	NUMBER OF POSITIONS	P.C. BOARD THICKNESS	KEYING OPTION	MOUNTING EARS OPTION	TERMINAL PLATING OPTION	
42410-4168	4 POS. BODY	4	.062/(1.57)	YES	A	42410-8312	8 POS. BODY	8	.062/(1.57)	NO	YES	A	42410-8312	8 POS. BODY	8	.062/(1.57)	NO	YES	A	
42410-4170	↑	↑	.062/(1.57)	NO	A	42410-8314	↑	↑	.062/(1.57)	NO	NO	A	42410-8314	↑	↑	.062/(1.57)	NO	NO	A	
42410-4264	↓	↓	.125/(3.18)	YES	A	42410-8360	↓	↓	.062/(1.57)	YES	YES	A	42410-8360	↓	↓	.062/(1.57)	YES	YES	A	
42410-4266	4 POS. BODY	4	.125/(3.18)	NO	A	42410-8362	4 POS. BODY	4	.062/(1.57)	YES	NO	A	42410-8362	4 POS. BODY	4	.062/(1.57)	YES	NO	A	
42410-4312	4 POS. BODY	2	.062/(1.57)	YES	A	42410-8504	4 POS. BODY	4	.125/(3.18)	NO	YES	A	42410-8504	4 POS. BODY	4	.125/(3.18)	NO	YES	A	
42410-4314	↑	↑	.062/(1.57)	NO	A	42410-8506	↑	↑	.125/(3.18)	NO	NO	A	42410-8506	↑	↑	.125/(3.18)	NO	NO	A	
42410-4408	↓	↓	.125/(3.18)	YES	A	42410-8552	↓	↓	.125/(3.18)	YES	YES	A	42410-8552	↓	↓	.125/(3.18)	YES	YES	A	
42410-4410	4 POS. BODY	2	.125/(3.18)	NO	A	42410-8554	8 POS. BODY	8	.125/(3.18)	YES	NO	A	42410-8554	8 POS. BODY	8	.125/(3.18)	YES	NO	A	
42410-8600	8 POS. BODY	6	.062/(1.57)	NO	YES	A	42410-8602	↑	↑	.062/(1.57)	NO	NO	A	42410-8602	↑	↑	.062/(1.57)	NO	NO	A
42410-8602	↑	↑	.062/(1.57)	NO	NO	A	42410-8648	↓	↓	.062/(1.57)	YES	YES	A	42410-8648	↓	↓	.062/(1.57)	YES	YES	A
42410-8648	↓	↓	.062/(1.57)	YES	YES	A	42410-8650	4 POS. BODY	4	.062/(1.57)	YES	NO	A	42410-8650	4 POS. BODY	4	.062/(1.57)	YES	NO	A
42410-8650	4 POS. BODY	4	.062/(1.57)	YES	NO	A	42410-8792	↓	↓	.125/(3.18)	NO	YES	A	42410-8792	↓	↓	.125/(3.18)	NO	YES	A
42410-8792	↓	↓	.125/(3.18)	NO	YES	A	42410-8794	↓	↓	.125/(3.18)	NO	NO	A	42410-8794	↓	↓	.125/(3.18)	NO	NO	A
42410-8794	↓	↓	.125/(3.18)	NO	NO	A	42410-8840	↓	↓	.125/(3.18)	YES	YES	A	42410-8840	↓	↓	.125/(3.18)	YES	YES	A
42410-8840	↓	↓	.125/(3.18)	YES	YES	A	42410-8842	8 POS. BODY	6	.125/(3.18)	YES	NO	A	42410-8842	8 POS. BODY	6	.125/(3.18)	YES	NO	A
42410-8842	8 POS. BODY	6	.125/(3.18)	YES	NO	A	42410-8888	8 POS. BODY	4	.062/(1.57)	NO	YES	A	42410-8888	8 POS. BODY	4	.062/(1.57)	NO	YES	A
42410-8888	8 POS. BODY	4	.062/(1.57)	NO	YES	A	42410-8890	↑	↑	.062/(1.57)	NO	NO	A	42410-8890	↑	↑	.062/(1.57)	NO	NO	A
42410-8890	↑	↑	.062/(1.57)	NO	NO	A	42410-8936	↓	↓	.062/(1.57)	YES	YES	A	42410-8936	↓	↓	.062/(1.57)	YES	YES	A
42410-8936	↓	↓	.062/(1.57)	YES	YES	A	42410-8938	↓	↓	.062/(1.57)	YES	NO	A	42410-8938	↓	↓	.062/(1.57)	YES	NO	A
42410-8938	↓	↓	.062/(1.57)	YES	NO	A	42410-9080	↓	↓	.125/(3.18)	NO	YES	A	42410-9080	↓	↓	.125/(3.18)	NO	YES	A
42410-9080	↓	↓	.125/(3.18)	NO	YES	A	42410-9082	↓	↓	.125/(3.18)	NO	NO	A	42410-9082	↓	↓	.125/(3.18)	NO	NO	A
42410-9082	↓	↓	.125/(3.18)	NO	NO	A	42410-9128	↓	↓	.125/(3.18)	YES	YES	A	42410-9128	↓	↓	.125/(3.18)	YES	YES	A
42410-9128	↓	↓	.125/(3.18)	YES	YES	A	42410-9130	8 POS. BODY	4	.125/(3.18)	YES	NO	A	42410-9130	8 POS. BODY	4	.125/(3.18)	YES	NO	A
42410-9130	8 POS. BODY	4	.125/(3.18)	YES	NO	A	42410-9176	8 POS. BODY	2	.062/(1.57)	NO	YES	A	42410-9176	8 POS. BODY	2	.062/(1.57)	NO	YES	A
42410-9176	8 POS. BODY	2	.062/(1.57)	NO	YES	A	42410-9178	↑	↑	.062/(1.57)	NO	NO	A	42410-9178	↑	↑	.062/(1.57)	NO	NO	A
42410-9178	↑	↑	.062/(1.57)	NO	NO	A	42410-9224	↓	↓	.062/(1.57)	YES	YES	A	42410-9224	↓	↓	.062/(1.57)	YES	YES	A
42410-9224	↓	↓	.062/(1.57)	YES	YES	A	42410-9226	↓	↓	.062/(1.57)	YES	NO	A	42410-9226	↓	↓	.062/(1.57)	YES	NO	A
42410-9226	↓	↓	.062/(1.57)	YES	NO	A	42410-9368	↓	↓	.125/(3.18)	NO	YES	A	42410-9368	↓	↓	.125/(3.18)	NO	YES	A
42410-9368	↓	↓	.125/(3.18)	NO	YES	A	42410-9370	↓	↓	.125/(3.18)	NO	NO	A	42410-9370	↓	↓	.125/(3.18)	NO	NO	A
42410-9370	↓	↓	.125/(3.18)	NO	NO	A	42410-9416	↓	↓	.125/(3.18)	YES	YES	A	42410-9416	↓	↓	.125/(3.18)	YES	YES	A
42410-9416	↓	↓	.125/(3.18)	YES	YES	A	42410-9418	8 POS. BODY	2	.125/(3.18)	YES	NO	A	42410-9418	8 POS. BODY	2	.125/(3.18)	YES	NO	A
42410-9418	8 POS. BODY	2	.125/(3.18)	YES	NO	A														

SEE SHEET 1
SEC NO: UCP2011-3830
DRAWN: JAGUILAR
CHKD: BELL
APPR:FSMITH
REV

DESCRIPTION
2011/06/06
2011/06/09
2012/02/14

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
4 PLACES ±.000 ±.000
3 PLACES ±.000 ±.010
2 PLACES ±.025 ±.000
1 PLACE ±.000 ±.000
ANGULAR ±1/2°

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM

DRAWN BY DATE
GLT 1990/10/12

CHECKED BY DATE
BAP 1990/10/12

APPROVED BY DATE
FSMITH 2012/02/14

MATERIAL NO.
SEE CHART

DOCUMENT NO.
SDA-42410-****

SHEET NO.
4 OF 4

THIRD ANGLE PROJECTION

ASSEMBLY, VERTICAL MODULAR JACKS (CONNECTOR SIZE 4)

MOLEX INCORPORATED

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10-Frame_D_P_AM_T Rev. F 2009/06/17	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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SEE SHEET 1
EC NO. UCP2011-3830
DRAWN: JAGUILAR
CHKD: J.BELL
APPR: F.S.MITH
REV
N1

2011/06/06
2011/06/09
2012/02/14

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± .010
2 PLACES ± 0.25 ± ---
1 PLACE ± --- ± ---
ANGULAR ±1/2°
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
IN/MM
DRAWN BY DATE
GLT 1990/10/12
CHECKED BY DATE
BAP 1990/10/12
APPROVED BY DATE
FSMITH 2012/02/14

DIMENSION STYLE
SCALE 1:1
DESIGN UNITS INCH
THIRD ANGLE PROJECTION

TITLE
ASSEMBLY: VERTICAL MODULAR JACKS (CONNECTOR SIZE 4)
MOLEX INCORPORATED

MATERIAL NO. SEE CHART
DOCUMENT NO. SDA-42410-****
SHEET NO. 4 OF 4

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