

NOTES:

1) MATERIAL:

HOUSING: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: SEE SHEETS 5 AND 6
INSULATOR: NYLON(PA), GLASS FILLED, UL94V-0, COLOR: SEE SHEETS 5 AND 6
TERMINALS: PHOSPHOR BRONZE, .012/ 0.30 THICK
SHIELD: BRASS, .007/ 0.18 THICK

2) FINISH:

TERMINALS:

A = SELECT GOLD IN CONTACT AREA: 50 MICROINCHES / 1.27 MICROMETERS MIN.,
*SELECT TIN IN PC TAIL AREA: 100 MICROINCHES / 2.54 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES / 1.27 MICROMETERS MIN.
B = SELECT GOLD IN CONTACT AREA: 30 MICROINCHES / 0.76 MICROMETERS MIN.,
*SELECT TIN IN PC TAIL AREA: 100 MICROINCHES / 2.54 MICROMETERS MIN.,
WITH OVERALL NICKEL UNDERPLATE: 50 MICROINCHES / 1.27 MICROMETERS MIN.
*THE PRIMARY SHIPPING CARTON WILL BE LABELED "COMPLIANT TO RoHS
DIRECTIVE 2002/95/EC AND ELV ANNEX II OF DIRECTIVE 2000/53/EC".
CARTONS WITHOUT THIS LABEL MAY CONTAIN PRODUCT WITH TIN-LEAD
IN THE PC TAILS AND/OR SHIELD.

SHIELD:

100 MICROINCHES / 2.54 MICROMETERS NICKEL OVER 50 MICROINCHES / 1.27
MICROMETERS COPPER UNDERPLATE PCB GROUND TABS DIPPED IN TIN

3) PRODUCT SPECIFICATION AND PROCESSING PARAMETERS: PS-43202.

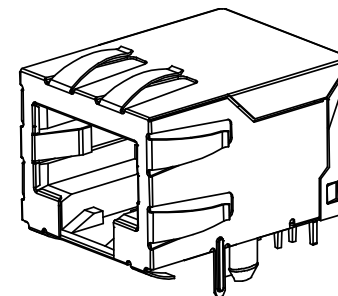
4) PACKAGING SPECIFICATION:

UNSHIELDED CONNECTOR ASSEMBLIES PACKAGED IN THERMOFORMED TRAYS
PER MOLEX PACKAGING SPECIFICATION PK-43202-003.
UNSHIELDED CONNECTOR ASSEMBLIES PACKAGED IN TUBES
PER MOLEX PACKAGING SPECIFICATION PK-43202-005.
SHIELDED CONNECTOR ASSEMBLIES PACKAGED IN THERMOFORMED TRAYS
PER MOLEX PACKAGING SPECIFICATION PK-43202-004.

5) SEE SHEETS 7 - 9 FOR P.C. BOARD LAYOUTS.

6) CONFORMS TO FCC REGULATION PART 68.5 FOR MODULAR JACKS.

7) THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC
SPECIFICATION PS-45499-002.



SHIELDED MODULAR JACK
SHOWN WITH PANEL GROUND
OPTION 'D' AND FRONT
PCB GROUND TABS.

DRAWING LEGEND

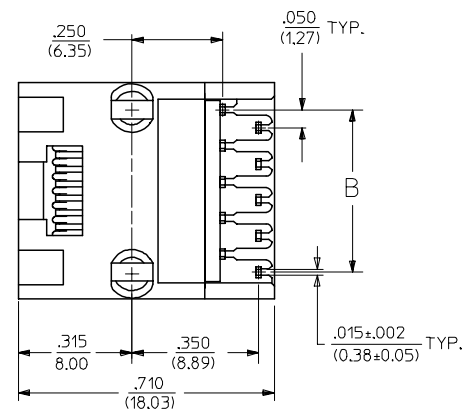
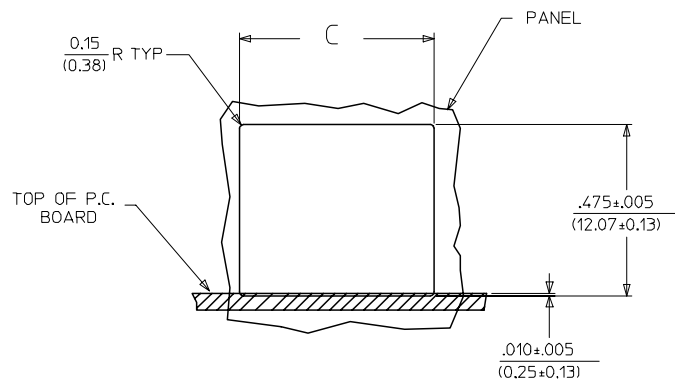
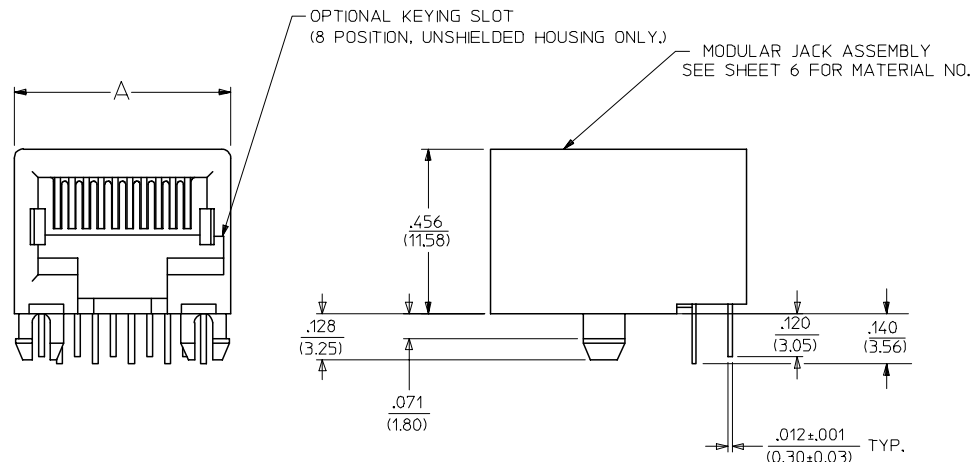
SHEET 1- NOTES, DRAWING LEGEND
SHEET 2- SHIELDED MODULAR JACK W/ BOTTOM GROUND TABS
SHEET 3- SHIELDED MODULAR JACK W/O BOTTOM GROUND TABS
SHEET 4- UNSHIELDED MODULAR JACK
SHEET 5- PART NUMBER CHARTS
SHEET 6- PART NUMBER CHARTS
SHEET 7- FOOTPRINT LAYOUT FOR 4 POSITION HOUSING
SHEET 8- FOOTPRINT LAYOUT FOR 6 POSITION HOUSING
SHEET 9- FOOTPRINT LAYOUT FOR 8 POSITION HOUSING

OBS COLORED JACKS EC NO: UCP2008-1189 DRAWN:JBELL 2007/11/30 CHKD:LSCHMIDT 2008/02/20 APPR:FSM/TH 2008/03/04	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE 4:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION	TITLE ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY MOLEX INCORPORATED			
				mm	INCH	DRAWN BY JTR	DATE 1993/03/31	MOLEX					
			4 PLACES	±.005	±.005	CHECKED BY JTR	DATE 1993/03/31						
			3 PLACES	±.005	±.010	APPROVED BY RAS	DATE 1993/03/31						
			2 PLACES	±.025	±.014	MATERIAL NO.					DOCUMENT NO.	SHEET NO.	
			1 PLACE	±.036	±.014	SEE SHTS 5&6					SDA-43202		1 OF 9
L4	REV		ANGULAR ±1/2°		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

9	L2
8	L2
7	L2
6	L4
5	L
4	K2
3	L1
2	L1
1	L4
SH	REV

UNSHIELDED MODULAR JACKS

SIZE 8, LOADED 10 SHOWN

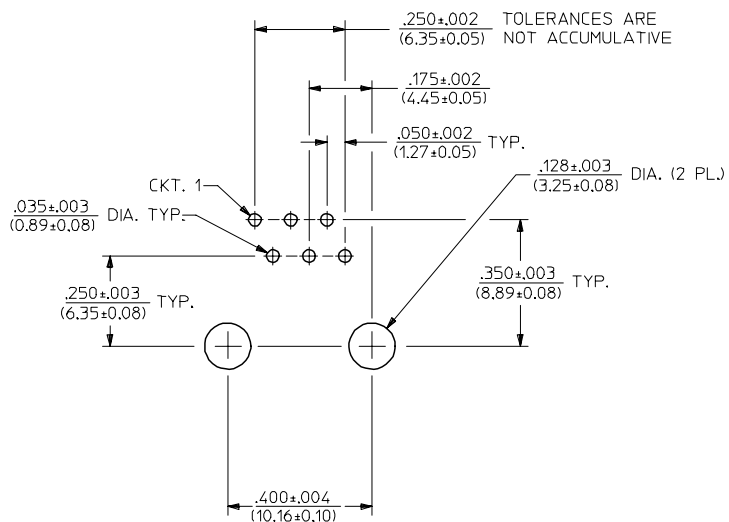


PANEL CUT-OUT (UNSHIELDED)

HOUSING SIZE	LOADED CIRCUITS	A	B	C
4	4	.440 (11.18)	.150±.005 (3.81±0.13)	.460±.005 (11.68±0.13)
4	2	.440 (11.18)	.050±.005 (1.27±0.13)	.460±.005 (11.68±0.13)
6	6	.520 (13.21)	.250±.005 (6.35±0.13)	.540±.005 (13.72±0.13)
6	4	.520 (13.21)	.150±.005 (3.81±0.13)	.540±.005 (13.72±0.13)
6	2	.520 (13.21)	.050±.005 (1.27±0.13)	.540±.005 (13.72±0.13)
8	10	.600 (15.24)	.450±.005 (11.43±0.13)	.620±.005 (15.75±0.13)
8	8	.600 (15.24)	.350±.005 (8.89±0.13)	.620±.005 (15.75±0.13)
8	6	.600 (15.24)	.250±.005 (6.35±0.13)	.620±.005 (15.75±0.13)
8	4	.600 (15.24)	.150±.005 (3.81±0.13)	.620±.005 (15.75±0.13)
8	2	.600 (15.24)	.050±.005 (1.27±0.13)	.620±.005 (15.75±0.13)

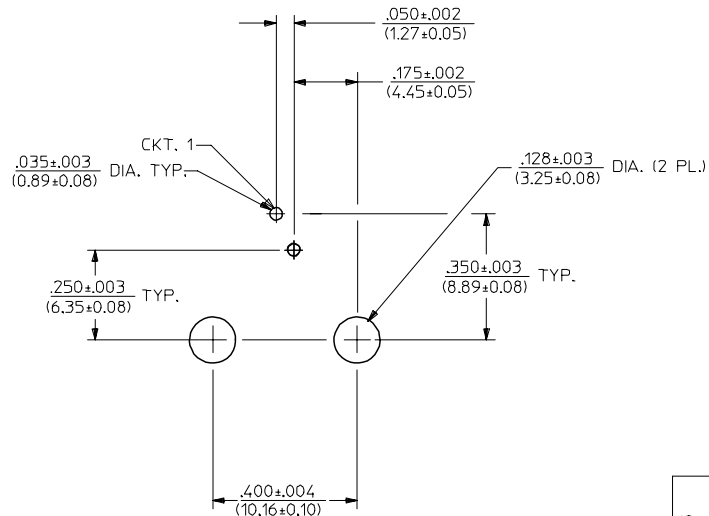
SEE SHEET ONE EC NO: UCP2004-1194 DRAWN: SCHMIDT 2004/01/02 CHKD: SCHMIDT 2004/01/05 APPR: FSMITH 2004/01/09 K2	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 4:1	DESIGN UNITS INCH		THIRD ANGLE PROJECTION	REVISE ON CAD ONLY			
				mm	INCH	DIMENSION STYLE IN/MM		TITLE				
		 - 0	4 PLACES	± ---	± ---	DRAWN BY JTR	DATE 1993/03/31	ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY				
			3 PLACES	± ---	± .010							
			2 PLACES	± 0.25	± .014	CHECKED BY JTR	DATE 1993/03/31					
			1 PLACE	± 0.36	± ---							
		 - 0	ANGULAR		± 1/2°		MOLEX MOLEX INCORPORATED					
			DRAFT WHERE APPLICABLE									
			MUST REMAIN WITHIN DIMENSIONS									
		REV						APPROVED BY RAS	DATE 1993/03/31	MATERIAL NO. SEE SHT 6	DOCUMENT NO. SDA-43202	SHEET NO. 4 OF 9
				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

	13	12	11	10	9	8	7	6	5	4	3	2	1															
J	SHIELDED MODULAR JACKS W/O BOTTOM GROUND TABS (SHEET 3)							UNSHIELDED MODULAR JACKS- (SHEET 4)							J													
	ASSEMBLY MATERIAL NUMBER	CONNECTOR SIZE	NUMBER OF CIRCUITS	SIDE/TOP PANEL GROUND TAB OPTION	PCB GROUND TAB OPTION	TERMINAL PLATING OPTION	PACKAGING	HOUSING COLOR	ASSEMBLY MATERIAL NUMBER	CONNECTOR SIZE	NUMBER OF CIRCUITS	TERMINAL PLATING OPTION	KEYING OPTION	PACKAGING OPTION	HOUSING COLOR													
	43202-8800	8	10	E	FRONT POSITION	A	TRAY	BLACK	43202-4101	4	4	A	NO	TRAY	BLACK													
I	43202-8801	8	10	F	FRONT POSITION	A	TRAY		43202-4104	4	2	A	NO	TRAY														
	43202-8802	8	10	G	FRONT POSITION	A	TRAY		43202-6101	6	6	A	NO	TRAY														
	43202-8803	8	10	H	FRONT POSITION	A	TRAY		43202-6102	6	6	B	NO	TRAY														
	43202-8808	8	10	E	REAR POSITION	A	TRAY		43202-6104	6	4	A	NO	TRAY														
	43202-8809	8	10	F	REAR POSITION	A	TRAY		43202-6105	6	4	B	NO	TRAY														
H	43202-8810	8	10	G	REAR POSITION	A	TRAY		43202-6107	6	2	A	NO	TRAY														
	43202-8811	8	10	H	REAR POSITION	A	TRAY		43202-6110	6	6	B	NO	TUBE														
	43202-8816	8	8	E	FRONT POSITION	A	TRAY		43202-8101	8	10	A	NO	TRAY														
	43202-8817	8	8	F	FRONT POSITION	A	TRAY		43202-8104	8	8	A	NO	TRAY														
	43202-8818	8	8	G	FRONT POSITION	A	TRAY		43202-8105	8	8	B	NO	TRAY														
	43202-8819	8	8	H	FRONT POSITION	A	TRAY		43202-8113	8	8	A	YES	TRAY														
	43202-8824	8	8	E	REAR POSITION	A	TRAY		43202-8116	8	6	A	NO	TRAY														
	43202-8825	8	8	F	REAR POSITION	A	TRAY		43202-8119	8	4	A	NO	TRAY														
G	43202-8826	8	8	G	REAR POSITION	A	TRAY		43202-8122	8	2	A	NO	TRAY														
	43202-8827	8	8	H	REAR POSITION	A	TRAY		43202-8504	8	8	A	NO	TUBE														
									43202-8513	8	8	A	YES	TUBE														
F															F													
E															E													
D															D													
C															C													
B															B													
A															A													
tb_frame_C_P_ME_T Rev. E 2006/04/15															12	11	10	9	8	7	6	5	4	3	2	1		
OBS COLORED JACKS EC NO: UCP2008-1189 DRWN:JBELL 2007/11/30 CHKD:LSCHMIDT 2008/02/20 APPR:FSMITH 2008/03/04															QUALITY SYMBOLS ▽=0 ▽=0		GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± .014 1 PLACE ± 0.36 ± --- ANGULAR ±1/2°		DIMENSION STYLE IN/MM DRAWN BY DATE JBS 2000/10/03 CHECKED BY DATE BW 2000/10/03 APPROVED BY DATE BW 2000/10/03		SCALE 4:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION		TITLE ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY		MOLEX INCORPORATED		DOCUMENT NO. SDA-43202 SHEET NO. 6 OF 9	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS															SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											



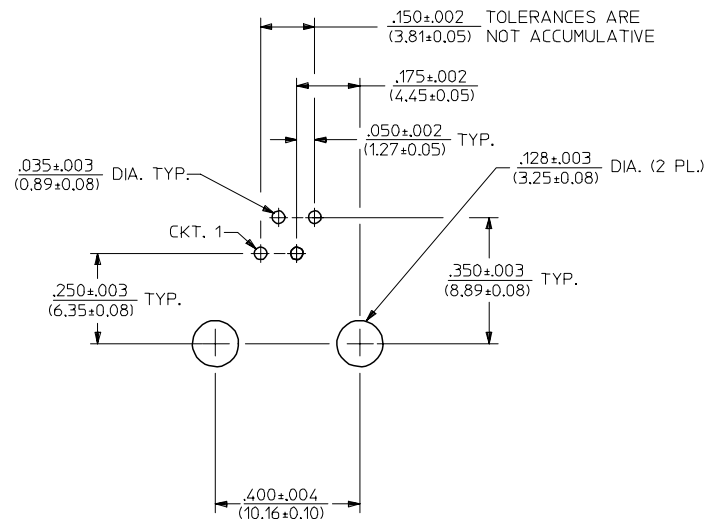
PC BOARD LAYOUT FOR 6 POSITION HOUSING

(6 CIRCUIT FOOT PRINT SHOWN)
(COMPONENT SIDE OF BOARD)



PC BOARD LAYOUT FOR 6 POSITION HOUSING

(2 CIRCUIT FOOT PRINT SHOWN)
(COMPONENT SIDE OF BOARD)



PC BOARD LAYOUT FOR 6 POSITION HOUSING

(4 CIRCUIT FOOT PRINT SHOWN)
(COMPONENT SIDE OF BOARD)

NOTES:
1. RECOMMENDED PCB THICKNESS: .062±.005/(1.57±0.13)

ADD PCB THICKNESS EC NO.: UCP2005-2739 DRAWN: SCHMIDT 2005/06/20 CHKD: ELHAG 2005/06/22 APPR: F SMITH 2005/06/23	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 4:1	DESIGN UNITS INCH	 THIRD ANGLE PROJECTION		REVISE ON CAD ONLY			
				mm	INCH	DIMENSION STYLE IN/MM		 ULTRA LOW PROFILE RIGHT ANGLE MODULAR JACK ASSEMBLY  MOLEX INCORPORATED				
			4 PLACES	± ---	± ---	DRAWN BY	DATE					
			3 PLACES	± ---	± .010	L.E. LENZ	1995/03/09					
			2 PLACES	± 0.25	± .014	CHECKED BY	DATE					
			1 PLACE	± 0.36	± ---	JTR	1995/03/09	MATERIAL NO.		DOCUMENT NO.	SHEET NO.	
			ANGULAR ±1/2°		APPROVED BY		DATE	SEE SHT 6		SDA-43202	8 OF 9	
			DRAFT WHERE APPLICABLE		RAS		1995/03/09	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			MUST REMAIN WITHIN DIMENSIONS									C