



- NOTES:
1. TO BE USED WITH #22-#28 AWG STRANDED WIRE WITH (1.35)/.053 DIA. MAX. INSULATION.
 2. STANDARD PACKAGING FOR GROUPED HOUSING ASSEMBLIES PER PK-70873-0215.
 3. TERMINALS ARE SHOWN PRE-LOADED INTO HOUSING AND LOCKED INTO THE FIRST ROW OF WINDOWS.
 4. SEE DWG. SD-70066-XXXX FOR OPTIONAL HOUSING DETAILS.
 5. REFER TO PRODUCT SPECIFICATION PS-70400.
 7. FOR ACCOUNTING PURPOSES ONLY, ONE ITEM NUMBER REPRESENTS ONLY ONE HOUSING OF ANY GIVEN CHAINED COMBINATION OF CKT. SIZES.

- PLATING CODES:
- 164 - 150 MICRONS/3.81 MICROMETERS MINIMUM TIN/LEAD PLATE OVER NICKEL UNDERPLATE OVERALL.
 - 571 - 15 MICRONS/0.38 MICROMETERS MINIMUM GOLD PLATE IN SELECT AREA OVER NICKEL UNDERPLATE OVERALL.
 - 574 - 30 MICRONS/0.76 MICROMETERS MINIMUM GOLD PLATE IN SELECT AREA OVER NICKEL UNDERPLATE OVERALL.
 - P164 - 150 MICRONS/3.81 MICROMETERS MINIMUM TIN/LEAD PLATE OVER NICKEL UNDERPLATE OVERALL. (PRE-PLATE)

PLATING	COLOR
I64	NONE
571	YELLOW
574	RED
P164	NONE

I.D. SLOT/WIRE GAUGE CHART		
SLOT I.D.	SLOT SIZE	WIRE GAUGE
A	.015 ±.002/(0.38 ±0.05)	24 AWG - STRANDED
B	.011 ±.002/(0.28 ±0.05)	26 AWG - STRANDED
C	.0075 ±.002/(0.19 ±0.05)	28 AWG - STRANDED
D	.019 ±.002/(0.48 ±0.05)	22 AWG - STRANDED

ADD GENERAL TOL. EC NO: UCP2010-1636 DRAWN BY: MSIBARRA 2005/10/27 CHECKED BY: CHYKDMORGAN 2005/10/27 APPR: SMILLER 2005/10/27	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION STYLE: IN/MM SCALE: 5:1 DESIGN UNITS: INCH THIRD ANGLE PROJECTION	DRAWN BY: MSIBARRA 2005/10/27 CHECKED BY: BBARKER 2005/10/27 APPROVED BY: SMILLER 2005/10/27	TITLE: ASSY CONNECTOR BOX ID SINGLE ROW - .100 GRID GROUPED HOUSING
	MATERIAL NO. SD-70977-001 DOCUMENT NO.		MOLEX INCORPORATED	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

ITEM NUMBER	DIM. "A" (MAX.)	DIM. "B" (MAX.)	OPTION	CIRCUIT SIZE	NUMBER OF HOUSINGS IN TOTAL ASSEMBLY	HOUSING NO.	TERMINAL NO.	PLATING	WIRE SIZE
70977-5022	.599 (15.21)	.199 (5.05)	G	2	3	70066-0176	70028-0011	571	24 AWG
70977-4033	.599 (15.21)	.299 (7.59)	G	3	2	70066-0177	70028-0011	571	24 AWG

ONE ITEM NUMBER REPRESENTS ONE INDIVIDUAL HOUSING (SEE NOTE 7)

SEE SHEET 1 EC NO: UCP2010-1636 DRW:MSIBARRA 2010/01/07 CHKD:MORGAN 2010/01/14 APPR:SMILLER 2010/01/14	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0 ▽=0 ▽=0	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± .010 2 PLACES ± 0.25 ± --- 1 PLACE ± --- ± --- ANGULAR ± 1/2°	IN/MM DRAWN BY DATE MSIBARRA 2005/10/27 CHECKED BY DATE BBARKER 2005/10/27 APPROVED BY DATE SMILLER 2005/10/27	1:1	INCH	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE TABLE	TITLE ASSY CONNECTOR BOX ID SINGLE ROW - .100 GRID GROUPED HOUSING		MOLEX INCORPORATED DOCUMENT NO. SD-70977-001
			SIZE C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	SHEET NO. 2 OF 2		

	13	12	11	10	9	8	7	6	5	4	3	2	1
	ITEM NUMBER	DIM. "A" (MAX.)	DIM. "B" (MAX.)	OPTION	CIRCUIT SIZE	NUMBER OF HOUSINGS IN TOTAL ASSEMBLY	HOUSING NO.	TERMINAL NO.	PLATING	WIRE SIZE			
J													
I													
H													
G	70977-5022	.599 (15.21)	.199 (5.05)	G	2	3	70066-0176	70028-0011	571	24 AWG			
F													
E													
D	70977-4033	.599 (15.21)	.299 (7.59)	G	3	2	70066-0177	70028-0011	571	24 AWG			
C													

ONE ITEM NUMBER REPRESENTS ONE INDIVIDUAL HOUSING (SEE NOTE 7)

INITIAL RELEASE FC NO. UCP2006-0364 DRAWNSWART 2005/12/12 CHKD:BBARKER 2005/12/19 APPR:SMILLER 2005/12/19 REVISIONS A	QUALITY SYMBOLS 	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE IN/MM		SCALE ---	DESIGN UNITS INCH	THIRD ANGLE PROJECTION	
		4 PLACES	± ---	± ---	DRAWN BY	DATE	TITLE ASSY CONNECTOR BOX I.D. SINGLE ROW - .100 GRID GROUPED HOUSING		
		3 PLACES	± ---	± ---	CHECKED BY	DATE	MOLEX INCORPORATED		
		2 PLACES	± ---	± ---	APPROVED BY	DATE	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-70977-001	SHEET NO. 2 OF 2
1 PLACE	± ---	± ---	ANGULAR ±1/2°		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				