



- 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

<b>ADD GENERAL TOL.</b> EC NO: UCP2010-1636 DRAWN BY: MSIBARRA 2005/01/07 CHECKED BY: CHYKDMORGAN 2005/01/14 APPR: SMILLER 2005/01/14	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°	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 <b>ASSY CONNECTOR BOX ID SINGLE ROW - .100 GRID GROUPED HOUSING</b>	
	MATERIAL NO. SEE TABLE DOCUMENT NO. SD-70977-001		MOLEX INCORPORATED		SHEET NO. 1 OF 2	
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					
	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 ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>± .---</td> <td>± .---</td> </tr> <tr> <td>3 PLACES</td> <td>± .---</td> <td>± .010</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± .---</td> </tr> <tr> <td>1 PLACE</td> <td>± .---</td> <td>± .---</td> </tr> </table> ANGULAR ±1/2°		mm	INCH	4 PLACES	± .---	± .---	3 PLACES	± .---	± .010	2 PLACES	± 0.25	± .---	1 PLACE	± .---	± .---	DIMENSION STYLE IN/MM DRAWN BY DATE MSIBARRA 2005/10/27 CHECKED BY DATE BBARKER 2005/10/27 APPROVED BY DATE SMILLER 2005/10/27	SCALE 1:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE ASSY CONNECTOR BOX ID SINGLE ROW - .100 GRID GROUPED HOUSING
		mm	INCH																	
	4 PLACES	± .---	± .---																	
	3 PLACES	± .---	± .010																	
2 PLACES	± 0.25	± .---																		
1 PLACE	± .---	± .---																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE TABLE	DOCUMENT NO. SD-70977-001	SHEET NO. 2 OF 2																	
SIZE C	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
	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)

<b>INITIAL RELEASE</b> FC NO. UCP2006-0364 DRAWNSWART 2005/12/12 CHKD:BBARKER 2005/12/19 APPR:SMILLER 2005/12/19 REVISION DESCRIPTION	<b>QUALITY SYMBOLS</b> =0 =0	<b>GENERAL TOLERANCES (UNLESS SPECIFIED)</b> <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0005</td> </tr> <tr> <td>3 PLACES</td> <td>± .003</td> <td>± .0003</td> </tr> <tr> <td>2 PLACES</td> <td>± .002</td> <td>± .0002</td> </tr> <tr> <td>1 PLACE</td> <td>± .001</td> <td>± .0001</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± .005	± .0005	3 PLACES	± .003	± .0003	2 PLACES	± .002	± .0002	1 PLACE	± .001	± .0001	<b>DIMENSION STYLE</b> IN/MM DRAWN BY MIBARRA DATE 2005/10/27 CHECKED BY BBARKER DATE 2005/10/27 APPROVED BY SMILLER DATE 2005/10/27 MATERIAL NO.	SCALE --- DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE <b>ASSY CONNECTOR BOX I.D.          SINGLE ROW - .100 GRID          GROUPED HOUSING</b>
		mm	INCH																	
	4 PLACES	± .005	± .0005																	
	3 PLACES	± .003	± .0003																	
2 PLACES	± .002	± .0002																		
1 PLACE	± .001	± .0001																		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		<b>SEE TABLE</b>	APPROVED BY SMILLER DATE 2005/10/27 MATERIAL NO.	DOCUMENT NO. SD-70977-001	SHEET NO. 2 OF 2															
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				