



- 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 2005/10/27 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. SD-70977-001	
	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			

J  
I  
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A

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>± .10</td> <td>± .004</td> </tr> <tr> <td>3 PLACES</td> <td>± .10</td> <td>± .004</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± .010</td> </tr> <tr> <td>1 PLACE</td> <td>± .50</td> <td>± .020</td> </tr> </table> ANGULAR ±1/2°		mm	INCH	4 PLACES	± .10	± .004	3 PLACES	± .10	± .004	2 PLACES	± 0.25	± .010	1 PLACE	± .50	± .020	DIMENSION STYLE IN/MM DRAWN BY MSIBARRA DATE 2005/10/27 CHECKED BY BBARKER DATE 2005/10/27 APPROVED BY SMILLER DATE 2005/10/27	SCALE 1:1 DESIGN UNITS INCH THIRD ANGLE PROJECTION	TITLE ASSY CONNECTOR BOX ID SINGLE ROW - .100 GRID GROUPED HOUSING
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	13	12	11	10	9	8	7	6	5	4	3	2	1
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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>  	<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>± .0002</td> </tr> <tr> <td>3 PLACES</td> <td>± .003</td> <td>± .0001</td> </tr> <tr> <td>2 PLACES</td> <td>± .002</td> <td>± .0001</td> </tr> <tr> <td>1 PLACE</td> <td>± .001</td> <td>± .0001</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± .005	± .0002	3 PLACES	± .003	± .0001	2 PLACES	± .002	± .0001	1 PLACE	± .001	± .0001	<b>DIMENSION STYLE</b> IN/MM DRAWN BY DATE MIBARRA 2005/10/27 CHECKED BY DATE BBARKER 2005/10/27 APPROVED BY DATE SMILLER 2005/10/27 MATERIAL NO.	<b>SCALE</b> --- <b>DESIGN UNITS</b> INCH <b>THIRD ANGLE PROJECTION</b>	<b>TITLE</b> ASSY CONNECTOR BOX I.D. SINGLE ROW - .100 GRID GROUPED HOUSING
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