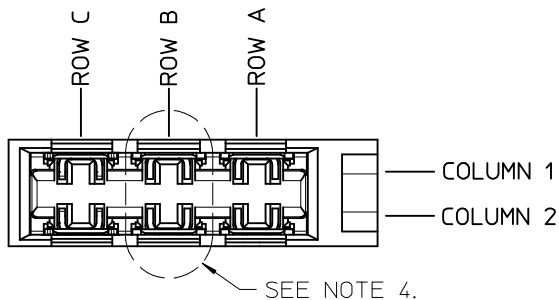
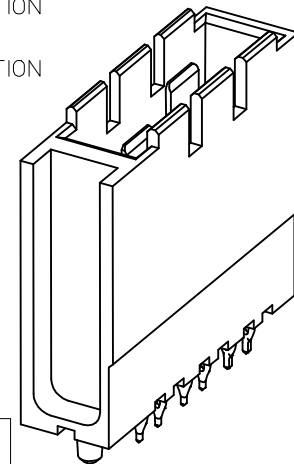
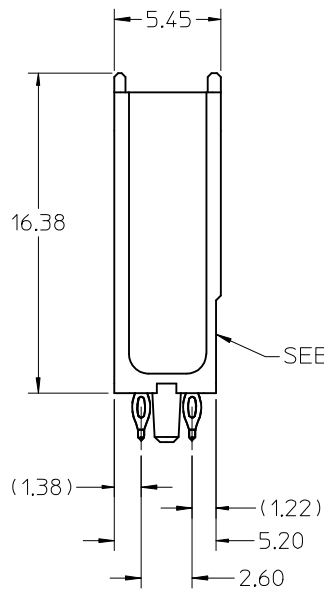
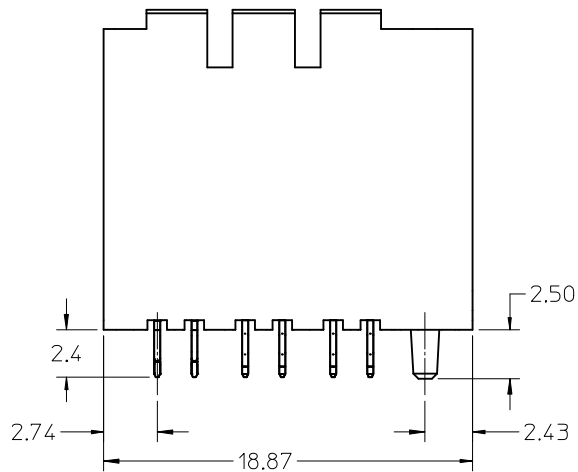


10 9 8 7 6 5 4 3 2 1



- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), UL 94V-0, GRAY; CONTACT - COPPER ALLOY.
  2. FINISH: SELECT GOLD IN CONTACT AREA, 50 MICROINCH THICK; MATTE TIN IN COMPLIANT AREA.
  3. PACKAGING PER PK-70873-571.
  4. CONTACTS IN EACH ROW HAVE THE SAME WIPE LENGTH.
  5. BACKPLANE ASSEMBLY MATES WITH DAUGHTERCARD POWER MODULE 75292-3\*\*\*.
  6. PART SHOWN IS 75331-0467.
  7. SEE OTHER SHEETS FOR ADDITIONAL NOTES.
  8. WHEN INSERTING OPEN SIGNAL MODULES NEXT TO COLUMN 1 SIDE OF POWER MODULES, SIGNAL MODULES MUST BE INSERTED BEFORE THE POWERS TO AVOID INTERFERENCE BETWEEN THE TWO CONNECTOR HOUSINGS.
  9. THESE PARTS CONFORM TO MOLEX PRODUCT SPECIFICATION PS-75221-999.
  10. THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002.



1-UP ASSEMBLY PART NUMBER

7 5 3 3 1 - 0 A B C

- MATT TIN (FORMERLY TIN/LEAD) PLATED PRODUCT -  
FOR EACH ROW LOCATION A, B, C:

- 0 = VOID
- 4 = 4.5 mm WIPE
- 6 = 6.0 mm WIPE
- 7 = 7.5 mm WIPE

- MATTE TIN PLATED PRODUCT -  
FOR EACH ROW LOCATION A, B, C:

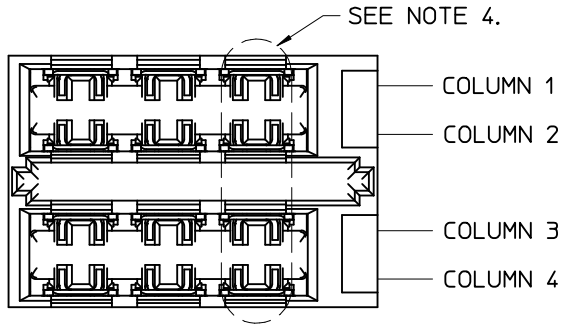
- 0 = VOID
- 2 = 4.5 mm WIPE
- 3 = 6.0 mm WIPE
- 5 = 7.5 mm WIPE

THE PRIMARY CARTON WITH A LABEL STATING  
"ELV AND RoHS COMPLIANT" IS LEAD FREE.  
CARTONS WITHOUT THIS LABEL MAY CONTAIN LEAD.

LEAD FREE CONVERSION EC NO: UCP2013-2305 DRW:RWH/PPLE 2012/12/07 CHKD:MMOLFE 2012/12/07 APPR:SMILLER 2012/12/17	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		$\nabla F=0$ $\nabla E=0$ $\nabla F=0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± .13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± ±	DRAWN BY DATE ELO 2005/02/18 CHECKED BY DATE ELO 2005/02/22 APPROVED BY DATE CUNNINGHAM 2005/02/23	TITLE	GBX 3 PAIR BACKPLANE POWER SALES ASSEMBLY	
		ANGULAR ± --- ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-75331-001	SHEET NO. 1 OF 4		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1



COLUMN 1  
 COLUMN 2  
 COLUMN 3  
 COLUMN 4

2-UP ASSEMBLY PART NUMBER

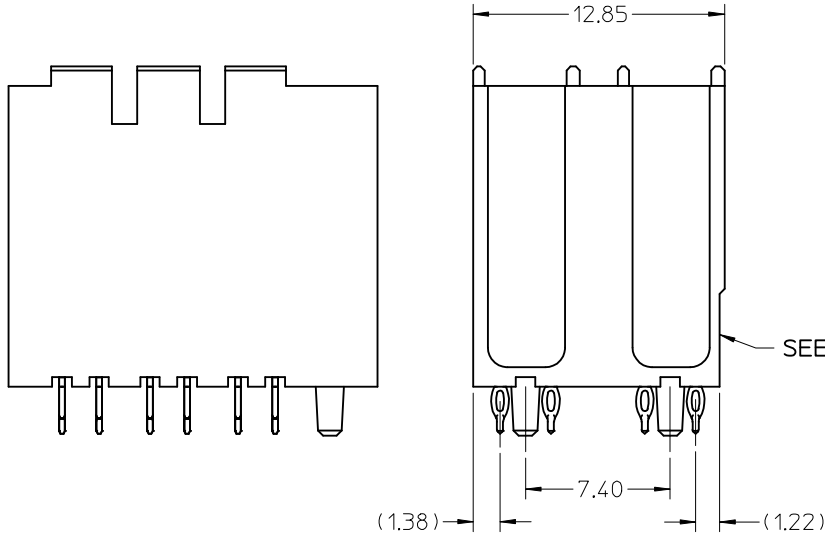
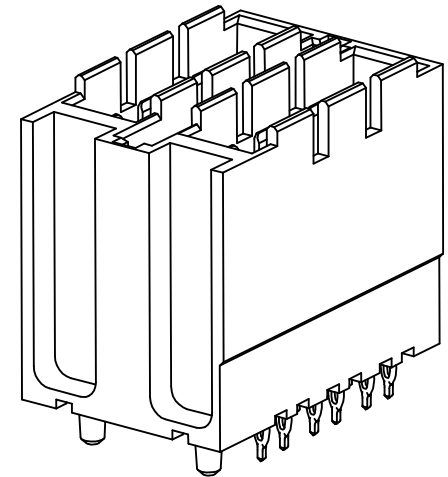
7 5 3 3 2 - 0 A B C

- MATTE TIN (FORMERLY TIN/LEAD) PLATED PRODUCT -  
 FOR EACH ROW LOCATION A, B, C:

- 0 = VOID
- 4 = 4.5 mm WIPE
- 6 = 6.0 mm WIPE
- 7 = 7.5 mm WIPE

- MATTE TIN PLATED PRODUCT -  
 FOR EACH ROW LOCATION A, B, C:

- 0 = VOID
- 2 = 4.5 mm WIPE
- 3 = 6.0 mm WIPE
- 5 = 7.5 mm WIPE



SEE NOTE 8.

SEE SHEET 1 FOR ADDITIONAL INFORMATION  
 CHECK WITH PRODUCT MANAGER FOR AVAILABILITY

SEE SHEET 1 EC NO: UCP2013-2305 DRAWN: RWHIPPLE 2012/12/07 CHKD: MWOLFE 2012/12/07 APPR: SMILLER 2012/12/17	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		▽E/0	mm	INCH	DRAWN BY ELO	DATE 2005/02/18	TITLE <b>GBX 3 PAIR BACKPLANE POWER SALES ASSEMBLY</b>	<b>molex</b>	DOCUMENT NO. SD-75331-001	SHEET NO. 2 OF 4
		▽E/0	4 PLACES ± ---	± ---	CHECKED BY ELO	DATE 2005/02/22				
		▽E/0	3 PLACES ± ---	± ---	APPROVED BY CUNNINGHAM	DATE 2005/02/23				
▽E/0	2 PLACES ± .13	± ---	MATERIAL NO.	SEE CHART						
			1 PLACE ± 0.25	± ---	ANGULAR ± --- °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			
			0 PLACE ±	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

3-UP ASSEMBLY PART NUMBER

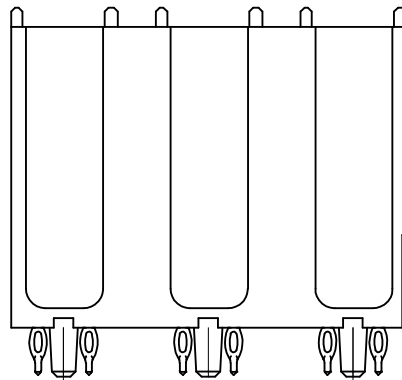
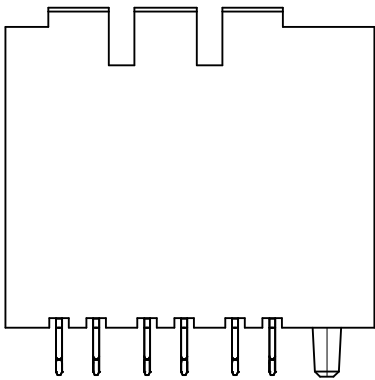
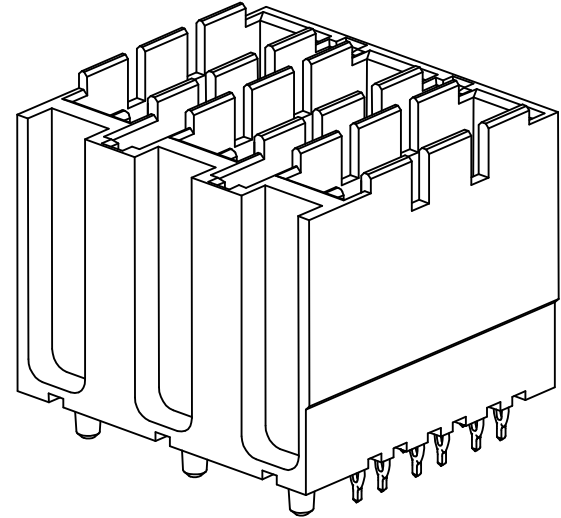
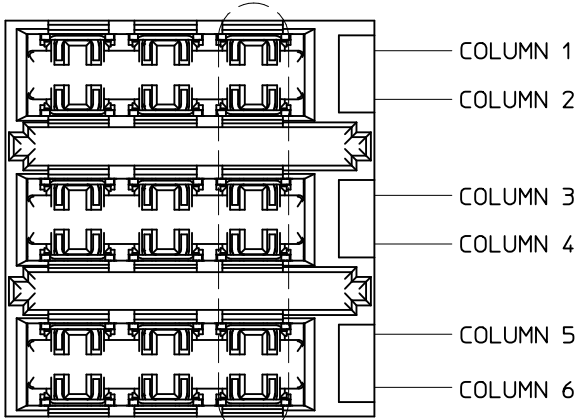
7 5 3 3 3 - 0 A B C

- MATTE TIN (FORMERLY TIN/LEAD) PLATED PRODUCT -  
FOR EACH ROW LOCATION A, B, C:

- 0 = VOID
- 4 = 4.5 mm WIPE
- 6 = 6.0 mm WIPE
- 7 = 7.5 mm WIPE

- MATTE TIN PLATED PRODUCT -  
FOR EACH ROW LOCATION A, B, C:

- 0 = VOID
- 2 = 4.5 mm WIPE
- 3 = 6.0 mm WIPE
- 5 = 7.5 mm WIPE



SEE NOTE 4.

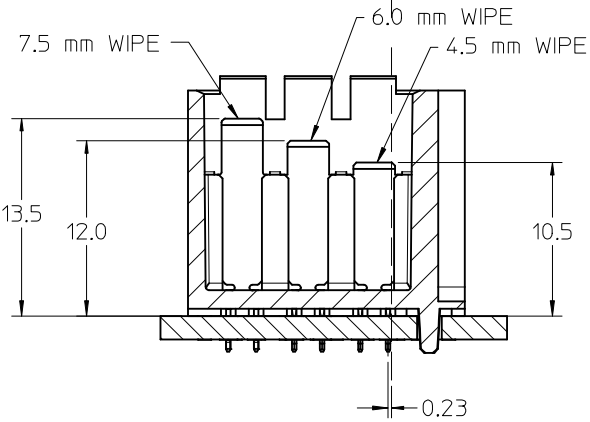
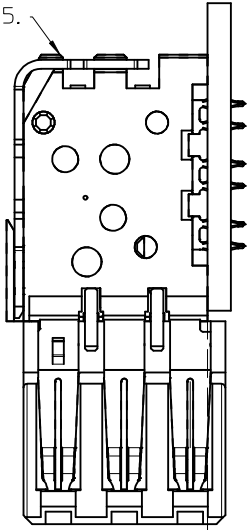
SEE NOTE 8.

SEE SHEET 1 FOR ADDITIONAL INFORMATION  
CHECK WITH PRODUCT MANAGER FOR AVAILABILITY

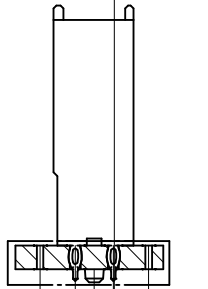
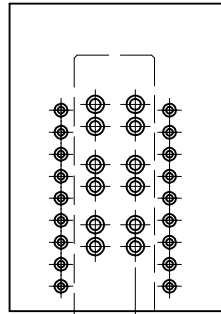
SEE SHEET 1 EC NO: UCP2013-2305 DRAWN BY: RWHIPPLE 2012/12/07 CHKD: MWOLFE 2012/12/07 APPR: SMILLER 2012/12/17 REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	▽=0	mm	INCH	DRAWN BY	DATE	TITLE			
	▽=0	4 PLACES ± ---	± ---	ELO	2005/02/18	GBX 3 PAIR BACKPLANE POWER SALES ASSEMBLY <b>molex</b>			
	▽=0	3 PLACES ± ---	± ---	CHECKED BY	DATE				
▽=0	2 PLACES ± .13	± ---	ELO	2005/02/22	DOCUMENT NO.				
	1 PLACE ± 0.25	± ---	APPROVED BY	DATE	SEE CHART		SD-75331-001		SHEET NO.
	0 PLACE ±	±	CUNNINGHAM	2005/02/23	MATERIAL NO.				3 OF 4
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			ANGULAR ± --- °		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				

9 8 7 6 5 4 3 2 1

SEE NOTE 5.

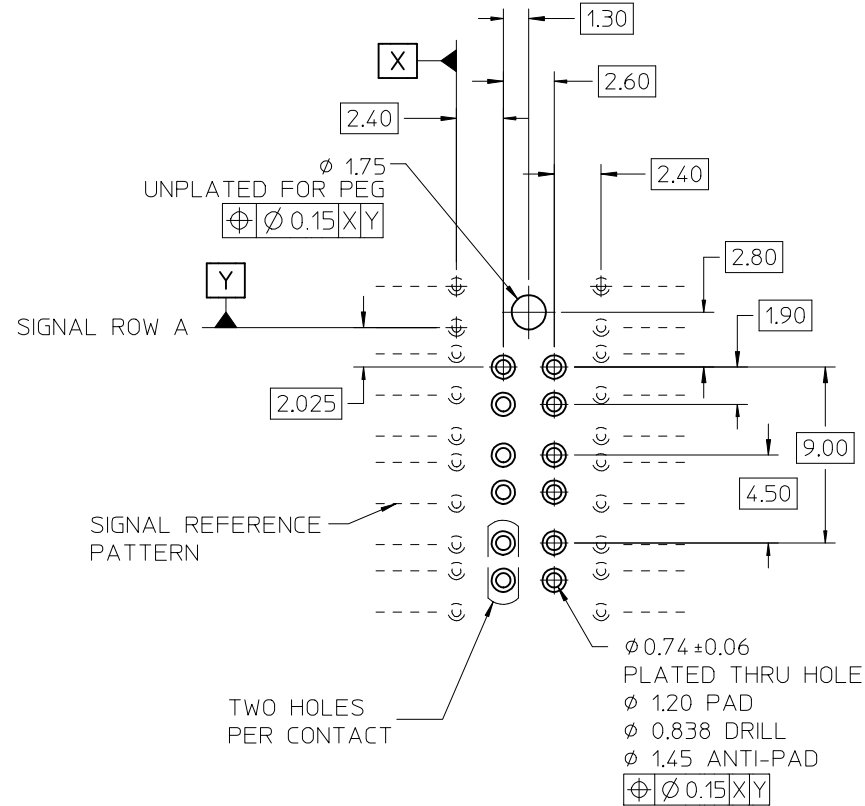


DC BOARD EDGE TO CENTERLINE OF BP TAIL



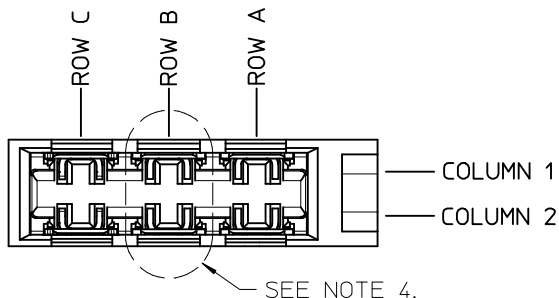
### HOLE PATTERN FOR 1-UP ASSEMBLY

- 1.) ADD 7.40 FROM CENTERLINES OF PEGS FOR MULTIPLE UP ASSEMBLIES.
- 2.) ADD 5.55 FROM CENTERLINE TO CENTERLINE OF PEG FOR INDIVIDUAL POWER MODULES STACKED NEXT TO EACH OTHER.

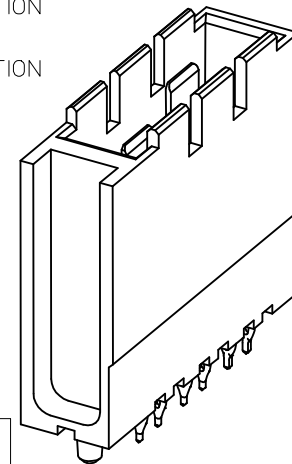
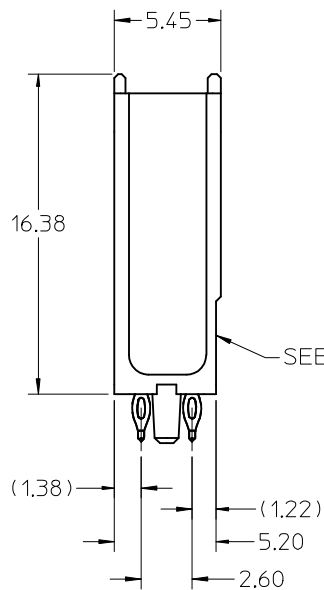
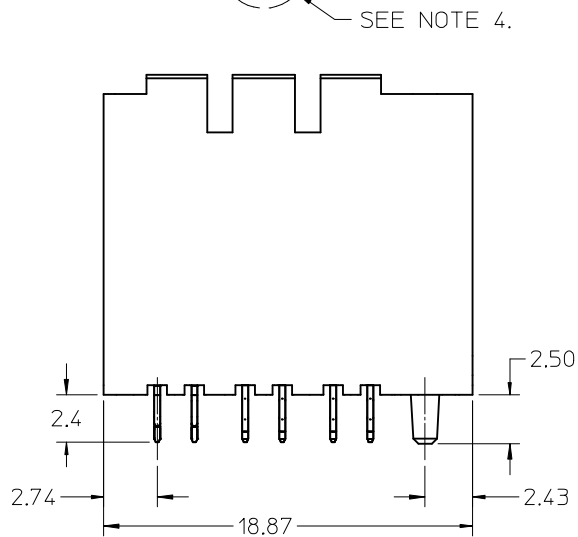


<b>LEAD FREE CONVERSION</b> EC NO: UCP2013-Z305 DRAWN BY: RWHIPPLE 2012/12/07 CHKD: MWOLFE 2012/12/07 APPR: SMILLER 2012/12/17	QUALITY SYMBOLS $\nabla = 0$ $\nabla = 0$ $\nabla = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± .005</td> <td>± .0002</td> </tr> <tr> <td>3 PLACES</td> <td>± .008</td> <td>± .0003</td> </tr> <tr> <td>2 PLACES</td> <td>± .013</td> <td>± .0005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> <tr> <td>0 PLACE</td> <td>± .000</td> <td>± .000</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± .005	± .0002	3 PLACES	± .008	± .0003	2 PLACES	± .013	± .0005	1 PLACE	± 0.25	± .010	0 PLACE	± .000	± .000	DIMENSION STYLE <b>MM ONLY</b> DRAWN BY: ELO DATE: 2005/02/18 CHECKED BY: ELO DATE: 2005/02/22 APPROVED BY: CUNNINGHAM DATE: 2005/02/23	SCALE: 4:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION
		mm	INCH																			
	4 PLACES	± .005	± .0002																			
	3 PLACES	± .008	± .0003																			
2 PLACES	± .013	± .0005																				
1 PLACE	± 0.25	± .010																				
0 PLACE	± .000	± .000																				
REV: G DESCRIPTION: LEAD FREE CONVERSION	ANGULAR ± .000° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO.: SEE CHART SIZE: B	TITLE: GBX 3 PAIR BACKPLANE POWER SALES ASSEMBLY <b>molex</b> DOCUMENT NO.: SD-75331-001	SHEET NO.: 4 OF 4																		
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																					

10 9 8 7 6 5 4 3 2 1



- NOTES:
1. MATERIALS: HOUSING - LIQUID CRYSTAL POLYMER (LCP), UL 94V-0, GRAY; CONTACT - COPPER ALLOY.
  2. FINISH: SELECT GOLD IN CONTACT AREA, 50 MICROINCH THICK; MATTE TIN IN COMPLIANT AREA.
  3. PACKAGING PER PK-70873-571.
  4. CONTACTS IN EACH ROW HAVE THE SAME WIPE LENGTH.
  5. BACKPLANE ASSEMBLY MATES WITH DAUGHTERCARD POWER MODULE 75292-3\*\*\*.
  6. PART SHOWN IS 75331-0467.
  7. SEE OTHER SHEETS FOR ADDITIONAL NOTES.
  8. WHEN INSERTING OPEN SIGNAL MODULES NEXT TO COLUMN 1 SIDE OF POWER MODULES, SIGNAL MODULES MUST BE INSERTED BEFORE THE POWERS TO AVOID INTERFERENCE BETWEEN THE TWO CONNECTOR HOUSINGS.
  9. THESE PARTS CONFORM TO MOLEX PRODUCT SPECIFICATION PS-75221-999.
  10. THESE PARTS CONFORM TO MOLEX COSMETIC SPECIFICATION PS-45499-002.



1-UP ASSEMBLY PART NUMBER

7 5 3 3 1 - 0 A B C

- MATT TIN (FORMERLY TIN/LEAD) PLATED PRODUCT -  
FOR EACH ROW LOCATION A, B, C:

- 0 = VOID
- 4 = 4.5 mm WIPE
- 6 = 6.0 mm WIPE
- 7 = 7.5 mm WIPE

- MATTE TIN PLATED PRODUCT -  
FOR EACH ROW LOCATION A, B, C:

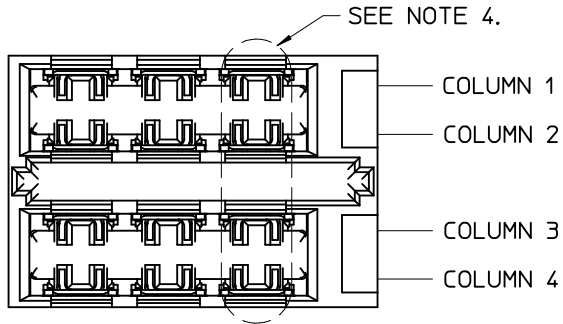
- 0 = VOID
- 2 = 4.5 mm WIPE
- 3 = 6.0 mm WIPE
- 5 = 7.5 mm WIPE

THE PRIMARY CARTON WITH A LABEL STATING  
"ELV AND RoHS COMPLIANT" IS LEAD FREE.  
CARTONS WITHOUT THIS LABEL MAY CONTAIN LEAD.

LEAD FREE CONVERSION EC NO: UCP2013-2305 DRW:RWH/PPLE 2012/12/07 CHKD:MMOLFE 2012/12/07 APPR:SMILLER 2012/12/17	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE MM ONLY	SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		$\nabla = 0$ $\nabla = 0$ $\nabla = 0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± .13 ± --- 1 PLACE ± 0.25 ± --- 0 PLACE ± ±	DRAWN BY DATE ELO 2005/02/18 CHECKED BY DATE ELO 2005/02/22 APPROVED BY DATE CUNNINGHAM 2005/02/23	TITLE	GBX 3 PAIR BACKPLANE POWER SALES ASSEMBLY	
		ANGULAR ± --- ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-75331-001	SHEET NO. 1 OF 4		
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1



2-UP ASSEMBLY PART NUMBER

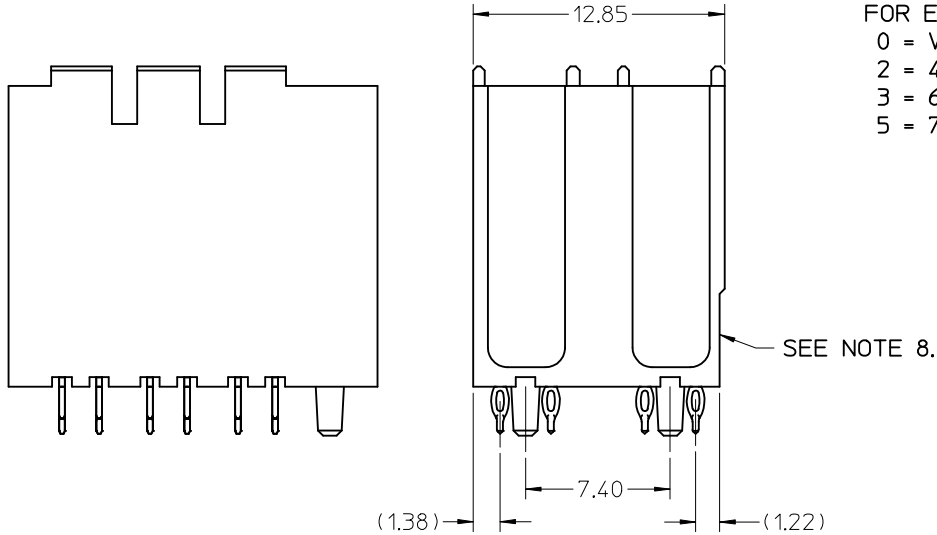
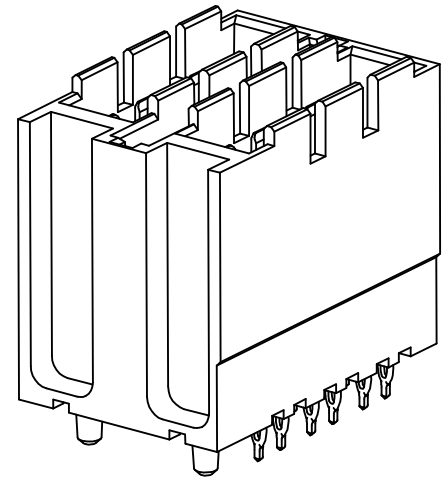
7 5 3 3 2 - 0 A B C

- MATTE TIN (FORMERLY TIN/LEAD) PLATED PRODUCT -  
FOR EACH ROW LOCATION A, B, C:

- 0 = VOID
- 4 = 4.5 mm WIPE
- 6 = 6.0 mm WIPE
- 7 = 7.5 mm WIPE

- MATTE TIN PLATED PRODUCT -  
FOR EACH ROW LOCATION A, B, C:

- 0 = VOID
- 2 = 4.5 mm WIPE
- 3 = 6.0 mm WIPE
- 5 = 7.5 mm WIPE



SEE SHEET 1 FOR ADDITIONAL INFORMATION  
CHECK WITH PRODUCT MANAGER FOR AVAILABILITY

SEE SHEET 1 EC NO: UCP2013-2305 DRW: RWHPPL 2012/12/07 CHKD: MWOLF 2012/12/07 APPR: SMILLER 2012/12/17	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		▽E/0	mm	INCH	DRAWN BY ELO	DATE 2005/02/18	TITLE GBX 3 PAIR BACKPLANE POWER SALES ASSEMBLY <b>molex</b>	DOCUMENT NO. SD-75331-001	SHEET NO. 2 OF 4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
		▽E/0	4 PLACES ± ---	± ---	CHECKED BY ELO	DATE 2005/02/22				
		▽E/0	3 PLACES ± ---	± ---	APPROVED BY CUNNINGHAM	DATE 2005/02/23				
▽E/0	2 PLACES ± .13	± ---	MATERIAL NO.	SEE CHART						
			ANGULAR ± --- °							
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS							

9 8 7 6 5 4 3 2 1

3-UP ASSEMBLY PART NUMBER

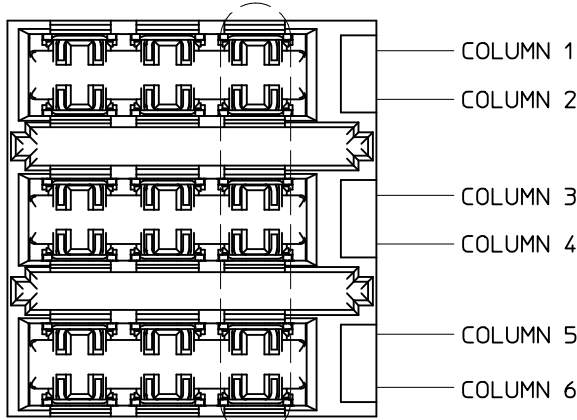
7 5 3 3 3 - 0 A B C

- MATTE TIN (FORMERLY TIN/LEAD) PLATED PRODUCT -  
FOR EACH ROW LOCATION A, B, C:

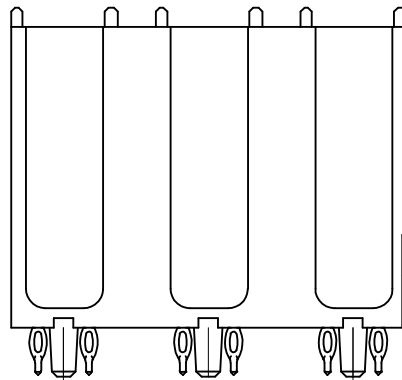
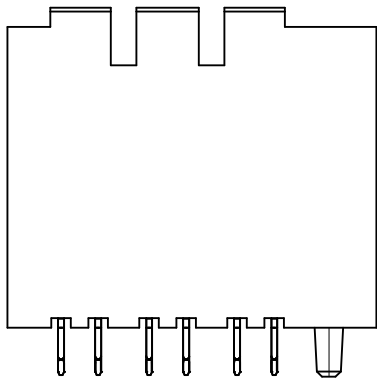
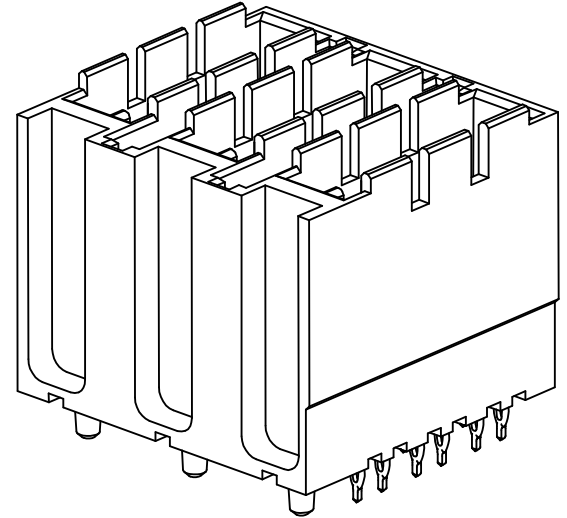
- 0 = VOID
- 4 = 4.5 mm WIPE
- 6 = 6.0 mm WIPE
- 7 = 7.5 mm WIPE

- MATTE TIN PLATED PRODUCT -  
FOR EACH ROW LOCATION A, B, C:

- 0 = VOID
- 2 = 4.5 mm WIPE
- 3 = 6.0 mm WIPE
- 5 = 7.5 mm WIPE



SEE NOTE 4.

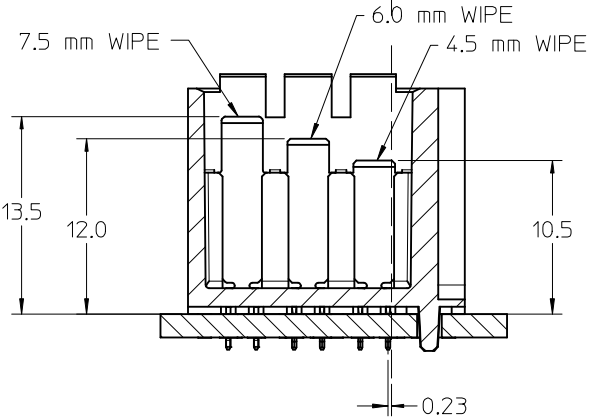
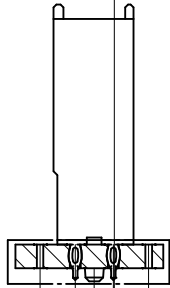
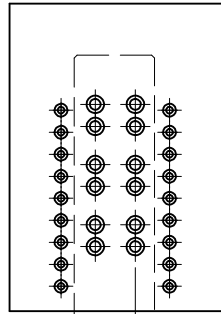
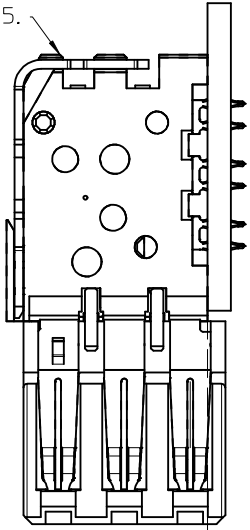


SEE NOTE 8.

SEE SHEET 1 FOR ADDITIONAL INFORMATION  
CHECK WITH PRODUCT MANAGER FOR AVAILABILITY

SEE SHEET 1 EC NO: UCP2013-2305 DRAWN: RWHIPPLE 2012/12/07 CHKD: MWOLFE 2012/12/07 APPR: SMILLER 2012/12/17	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	▽=0	mm	INCH	DRAWN BY ELO	DATE 2005/02/18	TITLE GBX 3 PAIR BACKPLANE POWER SALES ASSEMBLY			
	▽=0	4 PLACES ± ---	± ---	CHECKED BY ELO	DATE 2005/02/22				
	▽=0	3 PLACES ± ---	± ---	APPROVED BY CUNNINGHAM	DATE 2005/02/23	DOCUMENT NO. SD-75331-001		SHEET NO. 3 OF 4	
▽=0	2 PLACES ± .13	± ---	MATERIAL NO. SEE CHART		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
		1 PLACE ± 0.25	± ---	ANGULAR ± --- °					
		0 PLACE ±	±	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					

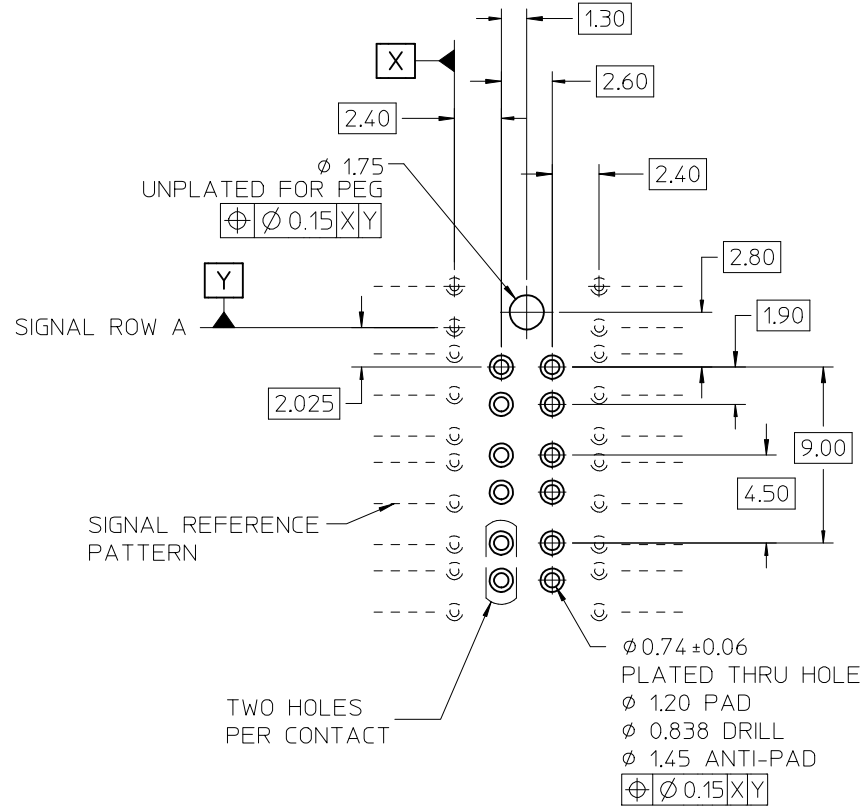
SEE NOTE 5.



DC BOARD EDGE TO CENTERLINE OF BP TAIL

### HOLE PATTERN FOR 1-UP ASSEMBLY

- 1.) ADD 7.40 FROM CENTERLINES OF PEGS FOR MULTIPLE UP ASSEMBLIES.
- 2.) ADD 5.55 FROM CENTERLINE TO CENTERLINE OF PEG FOR INDIVIDUAL POWER MODULES STACKED NEXT TO EACH OTHER.



<b>LEAD FREE CONVERSION</b> EC NO: UCP2013-Z305 DRAWN BY: RWHIPPLE 2012/12/07 CHKD: MWOLFE 2012/12/07 APPR: SMILLER 2012/12/07 REV DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION																		
	$\nabla = 0$ $\nabla = 0$ $\nabla = 0$	<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>± .005</td> <td>± .0002</td> </tr> <tr> <td>2 PLACES</td> <td>± .013</td> <td>± .0005</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± .010</td> </tr> <tr> <td>0 PLACE</td> <td>±</td> <td>±</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± .005	± .0002	3 PLACES	± .005	± .0002	2 PLACES	± .013	± .0005	1 PLACE	± 0.25	± .010	0 PLACE	±	±	MM ONLY	4:1	METRIC	
		mm	INCH																					
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DRAWN BY DATE ELO 2005/02/18 CHECKED BY DATE ELO 2005/02/22 APPROVED BY DATE CUNNINGHAM 2005/02/23 MATERIAL NO.	ANGULAR ± .000° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART	DOCUMENT NO.	<b>GBX 3 PAIR BACKPLANE POWER SALES ASSEMBLY</b> <b>molex</b> SD-75331-001		SHEET NO. 4 OF 4																		
EC NO: UCP2013-Z305 DRAWN BY: RWHIPPLE 2012/12/07 CHKD: MWOLFE 2012/12/07 APPR: SMILLER 2012/12/07 REV DESCRIPTION			SIZE B	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																				