

SINGLE CABLE EXIT

DOUBLE CABLE EXIT

TRIPLE CABLE EXIT

PART NUMBER	KEY LOCATION	CABLE EXIT	JACKET OD	CORE OD	REF AWG
76821-0101	LEFT	SINGLE	11.10±0.20	9.10±0.20	28
76821-0102	LEFT	SINGLE	9.50±0.20	7.50±0.20	30
76821-0201	LEFT	TRIPLE	7.10±0.20	5.50±0.20	28
76821-0202	LEFT	TRIPLE	6.10±0.20	4.50±0.20	30
76821-0301	LEFT	DOUBLE	8.60±0.20	6.75±0.20	28
X	X	X	X	X	X
X	X	X	X	X	X
X	X	X	X	X	X
X	X	X	X	X	X
X	X	X	X	X	X

NOTES:

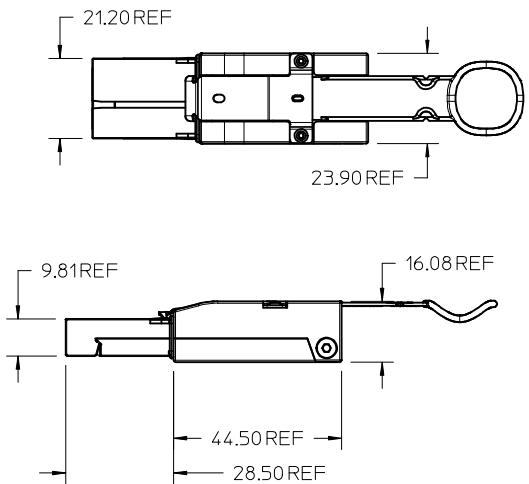
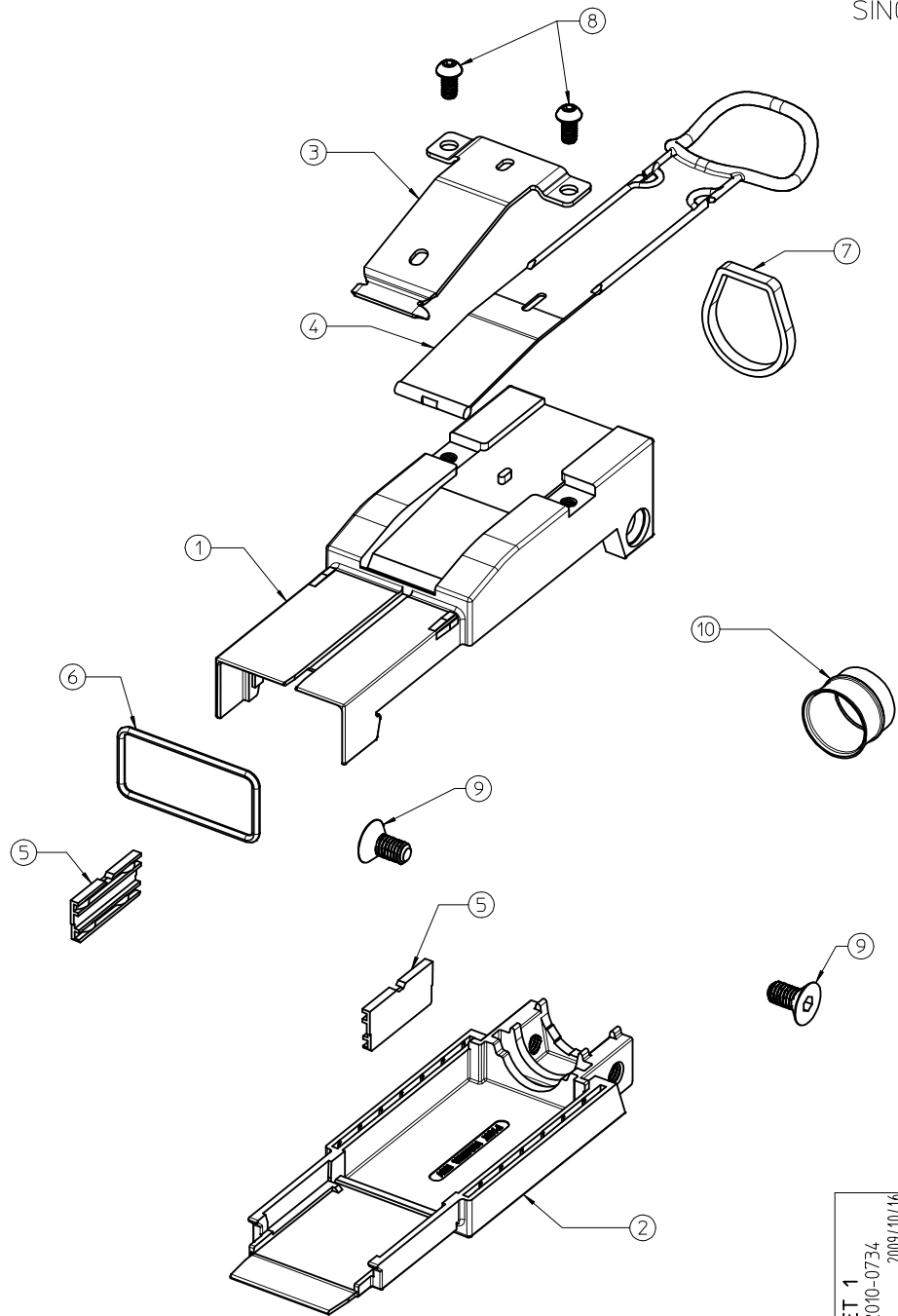
1. MATERIALS

- UPPER BACKSHELL: DIE CAST ALLOY; FINISH: NICKEL PLATED
- LOWER BACKSHELL: DIE CAST ALLOY; FINISH: NICKEL PLATED
- LATCH: STAINLESS STEEL ALLOY
- LATCH PULL: THERMOPLASTIC
- FERRULE: COPPER ALLOY; FINISH: NICKEL PLATED
- PCB HOLDER: THERMOPLASTIC
- SCREWS: STAINLESS STEEL ALLOY

2. PACKAGING SPECIFICATION: PACKAGED PER PK-76821-001

RELEASED EC NO: UCP2010-0734 DRWN: JLONG CHKD: 2009/10/22 APPR: MBANAKIS 2009/10/16 2009/10/22	QUALITY SYMBOLS ▽=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>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	DIMENSION STYLE <b>MM ONLY</b> DRAWN BY: KLANG DATE: 2/18/09 CHECKED BY: _____ DATE: _____	SCALE: 1.5:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: IPASS PLUS HSC PLUG KIT
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APPROVED BY: MBANAKIS DATE: _____ MATERIAL NO.	MOLEX INCORPORATED DOCUMENT NO. SD-76821-001	SHEET NO. 1 OF 7																		
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																		
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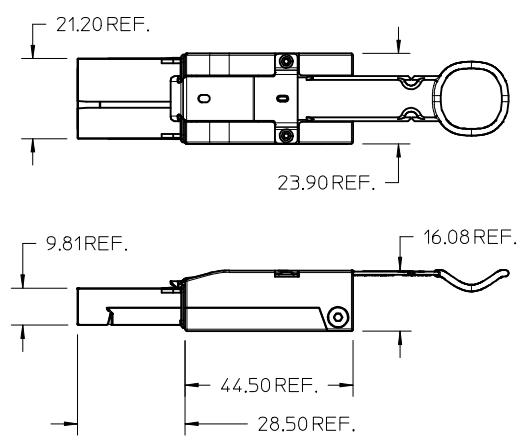
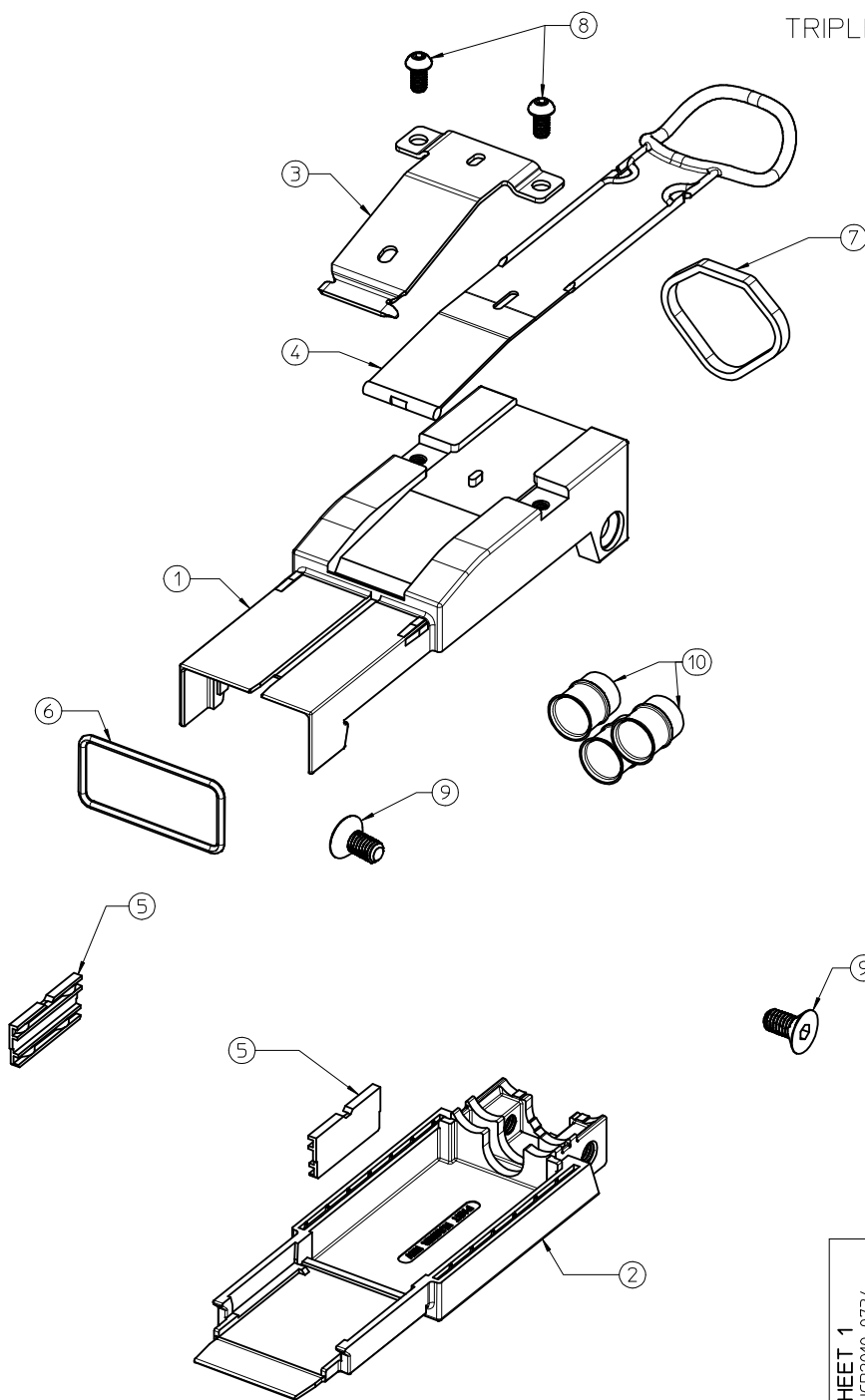
SINGLE CABLE EXIT



ITEM NO.	DESCRIPTION	QTY SUPPLIED
01	UPPER BACK SHELL	1
02	LOWER BACK SHELL	1
03	LATCH	1
04	LATCH PULL	1
05	PCB HOLDER	2
06	EMI GASKET	1
07	LATCH PULL RETAINER	1
08	M2 SCREW	2
09	M3 SCREW	2
10	FERRULE	1

SEE SHEET 1 EC NO: UCP2010-0734 DRWN: JLONG CHKD: MBANAKIS APPR: MBANAKIS	QUALITY SYMBOLS ▽=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>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.13</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> </table> ANGULAR ±1/2°		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.13	± ---	1 PLACE	± 0.25	± ---	DIMENSION STYLE <b>MM ONLY</b> DRAWN BY: KLANG DATE: 2/18/09 CHECKED BY: _____ DATE: _____	SCALE <b>2:1</b> TITLE IPASS PLUS HSC PLUG KIT	DESIGN UNITS <b>METRIC</b> THIRD ANGLE PROJECTION
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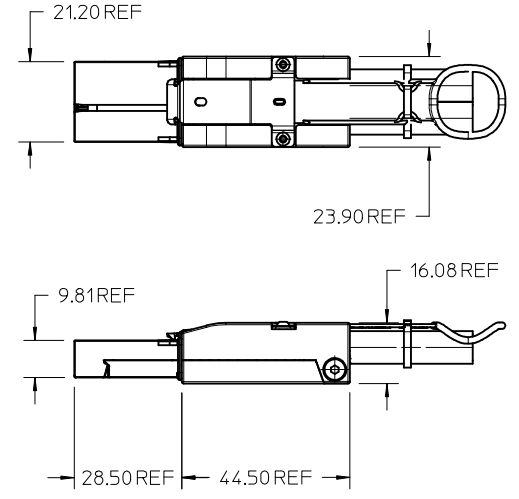
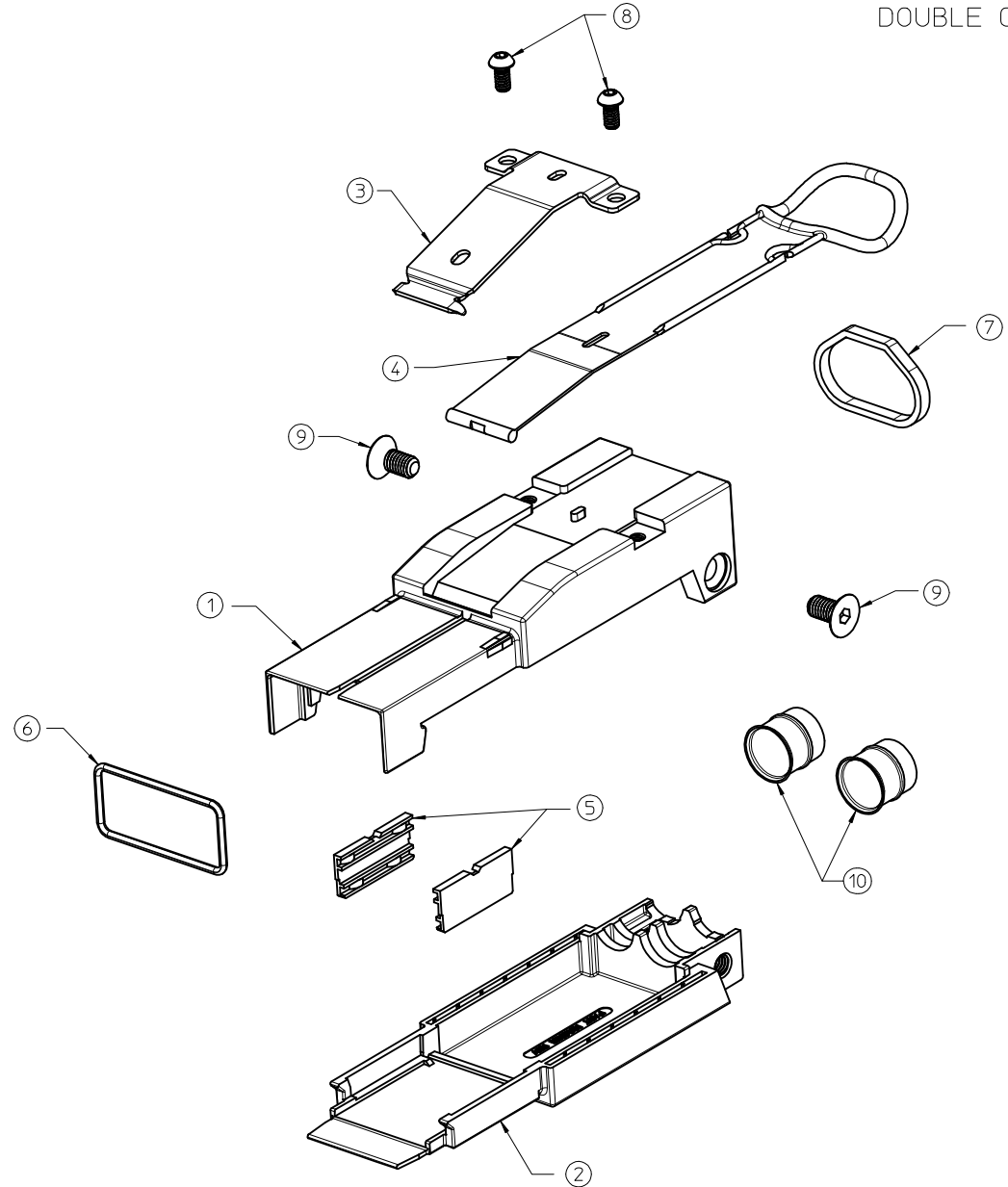
TRIPLE CABLE EXIT



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09	M3 SCREW	2
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DOUBLE CABLE EXIT



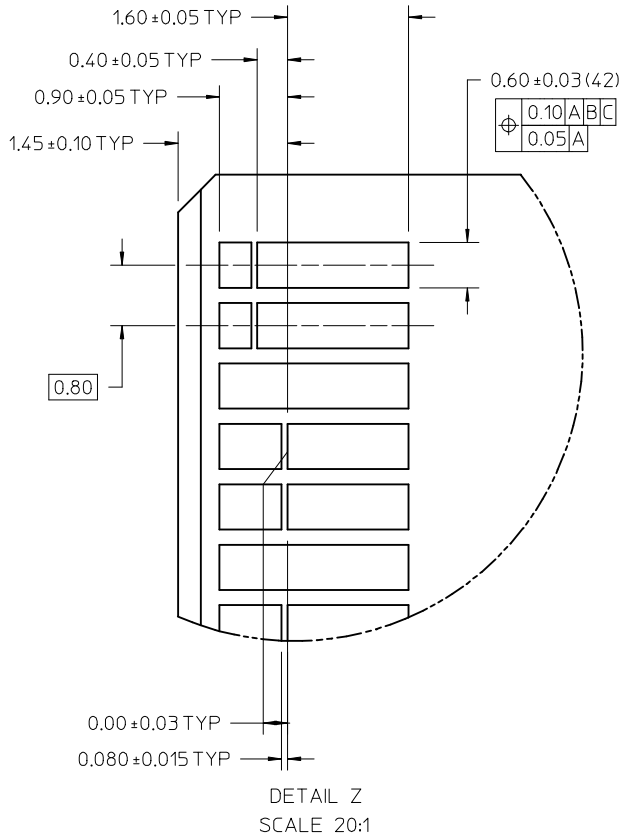
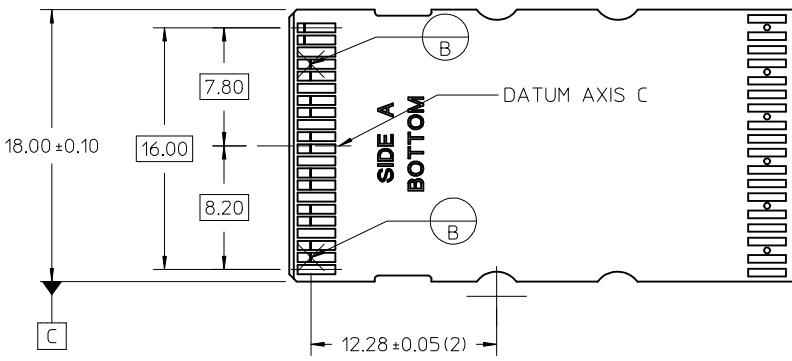
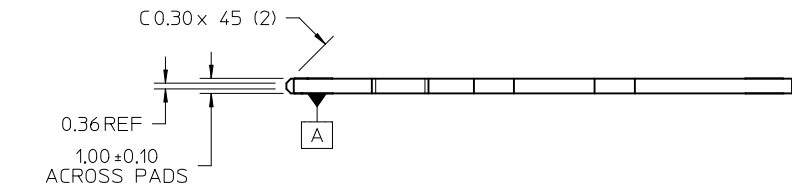
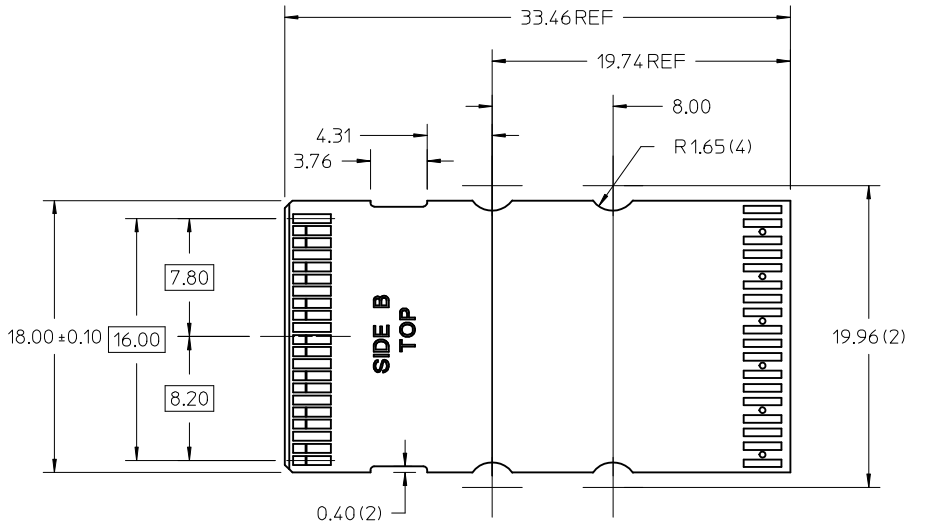
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	REV	KLANG	2/18/09			
	APPROVED BY	DATE	MOLEX INCORPORATED		SHEET NO. 4 OF 7	
	MBANAKIS					
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# LOWER PCB LAYOUT

**NOTES:**

- 0.03 MINIMUM KEEP OUT FOR SOLDER MASK AROUND ALL PADS
- DATUM 'B' TARGETS ARE DEFINED BY THE RESPECTIVE PAD CENTERLINES AND THE LEADING EDGE OF THE TARGET PADS

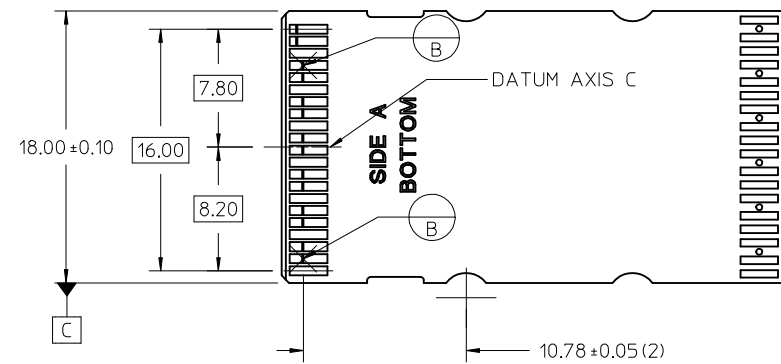
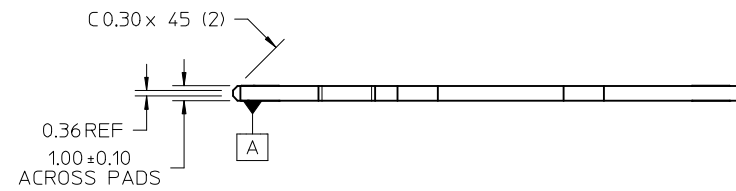
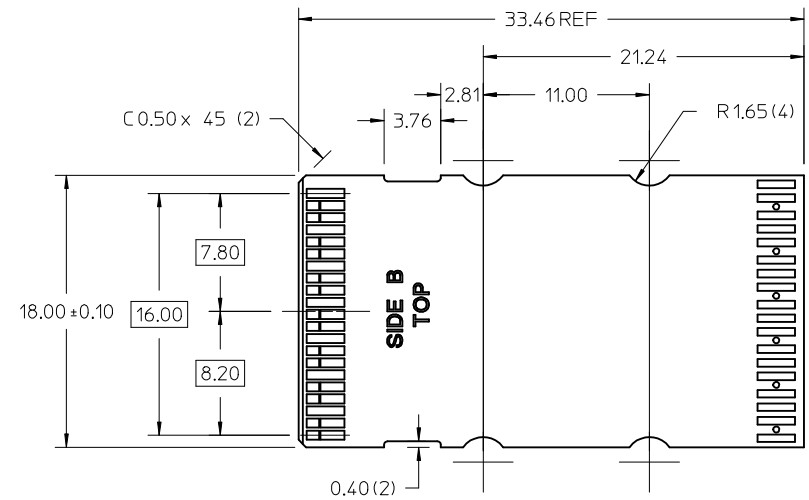
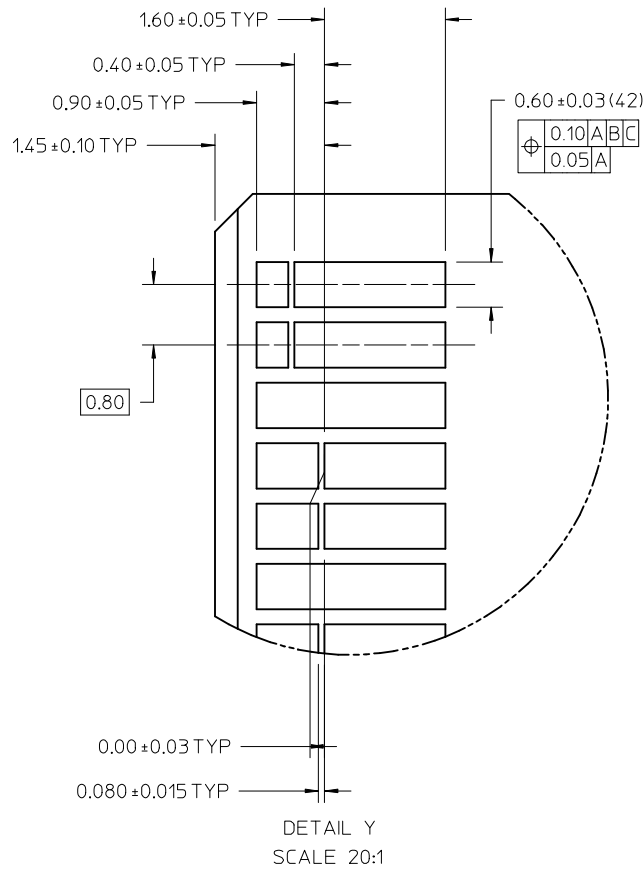


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# UPPER PCB LAYOUT

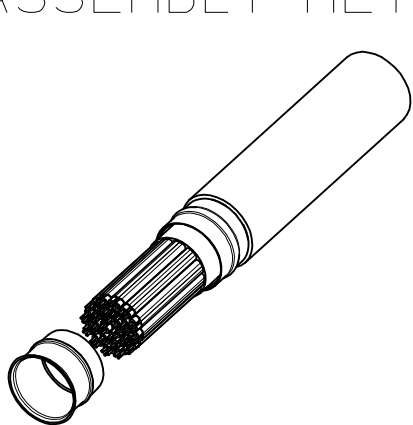
**NOTES:**

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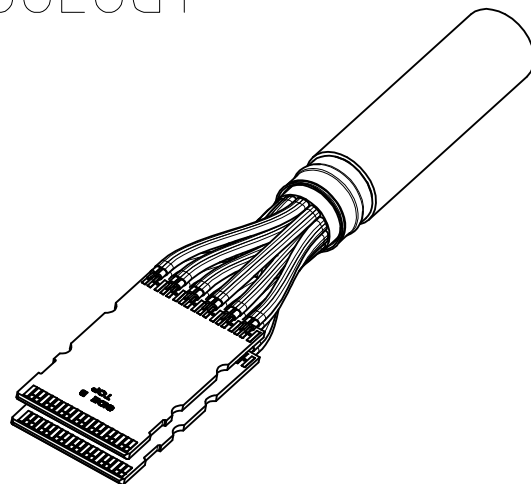


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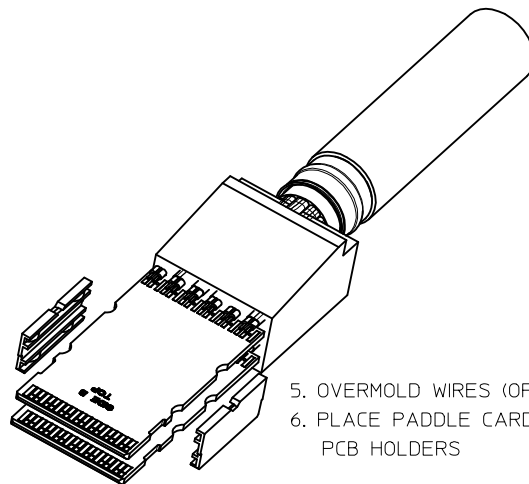
# ASSEMBLY METHODOLOGY



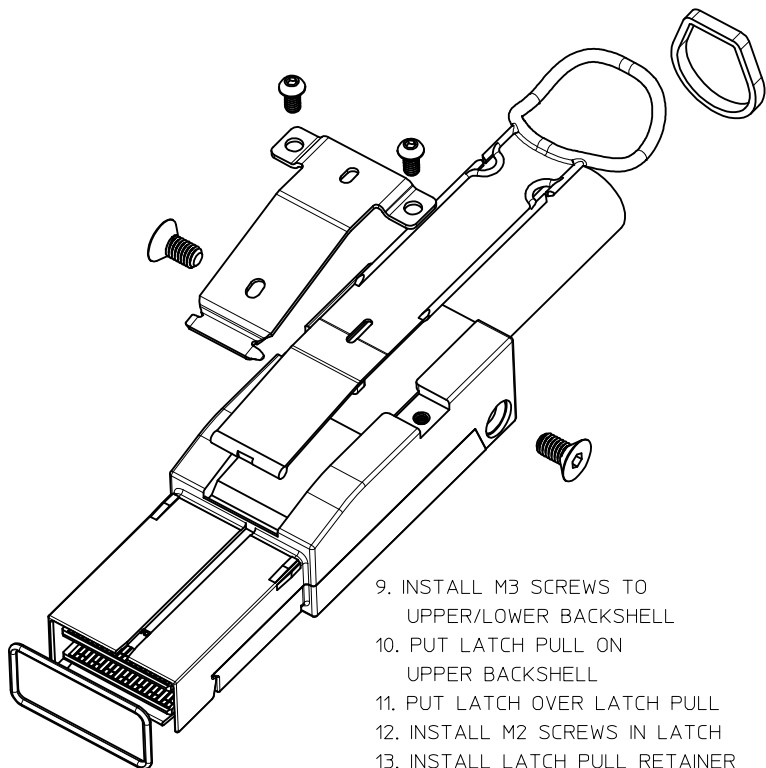
1. STRIP CABLE (NOT SUPPLIED)
2. SLIDE FERRULE OVER WIRES AND UNDER BRAID (FLANGE OUT)
3. WRAP BRAID WITH COPPER TAPE



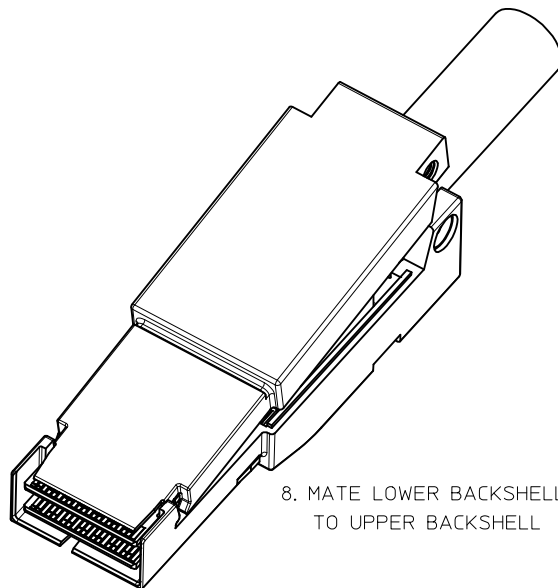
4. ATTACH WIRES TO PADDLE CARDS (NOT SUPPLIED)



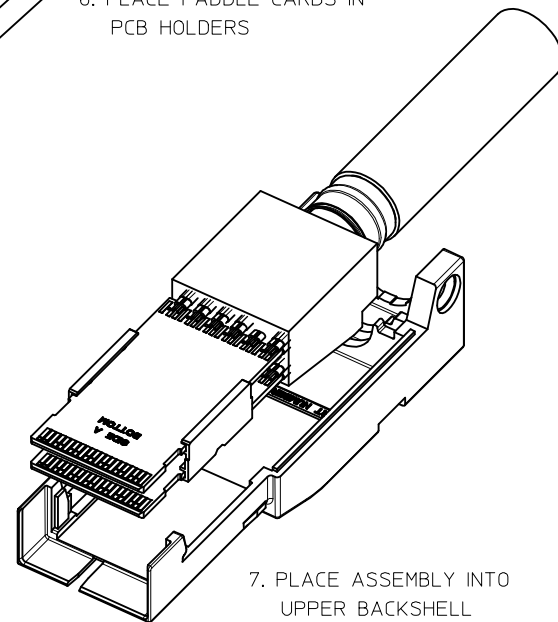
5. OVERMOLD WIRES (OPTIONAL)
6. PLACE PADDLE CARDS IN PCB HOLDERS



9. INSTALL M3 SCREWS TO UPPER/LOWER BACKSHELL
10. PUT LATCH PULL ON UPPER BACKSHELL
11. PUT LATCH OVER LATCH PULL
12. INSTALL M2 SCREWS IN LATCH
13. INSTALL LATCH PULL RETAINER
14. INSTALL EMI GASKET



8. MATE LOWER BACKSHELL TO UPPER BACKSHELL



7. PLACE ASSEMBLY INTO UPPER BACKSHELL

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	SEE SHEET 1	DESCRIPTION	SEE CHART	SEE CHART	SEE CHART	SEE CHART