



- NOTES:
1. MATERIAL:
 - 1.1 HOUSING: THERMOPLASTIC, HIGH TEMP., UL94V-0; COLOR:BLACK.
 - 1.2 CONTACT: COPPER ALLOY
 - 1.3 SHELL: COPPER ALLOY
 2. FINISH:
 - 2.1 CONTACT: SEE PART NO. PLATING
 - 2.2 SHELL:
 - 50u"MIN NICKEL UNDERPLATING OVERALL.
 - 1u"MIN GOLD FLASH
 3. REFLOW SOLDER CAPABLE TO 260°C PER ACES SPEC.
 4. SPEC. PLS. REFER TO PS-50384-XXXX-XXX
 5. PACKAGE PLS. REFER TO PART NUMBER
 6. MATING CONNECTOR P/N 50384-XXXX-XXX
 7. PART NUMBER

Other	COLOR	PACKAGE	Halogen Free
001	BLACK	50473-XXXX-XX-TRP	Y
002	BLACK	50473-XXXX-01-TRP	Y
003	BLACK	50473-XXXX-05-TRP	Y
004	BLACK	50473-XXXX-02-TRP	Y
V01	BLACK	50473-XXXX-05-TRP	Y
P01	BLACK	50473-XXXX-06-TRP	Y
U01	BLACK	50473-XXXX-04-TRP	Y

NO OF CKT
XXX: CKTS

PACKING
0:Tape & Reel
1:Tube
4:Tape & Reel with Mylar
5:Tube with Mylar

PLATING

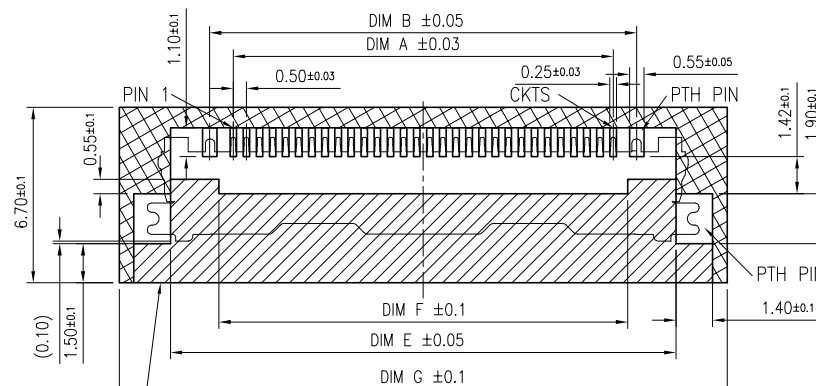
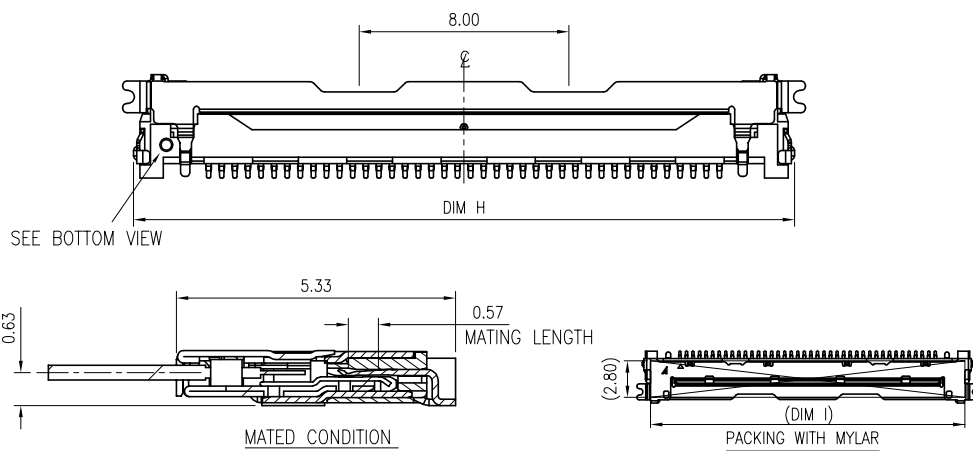
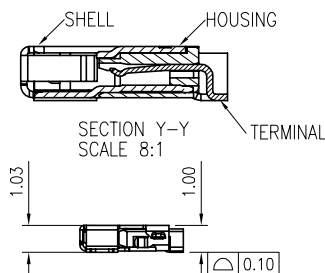
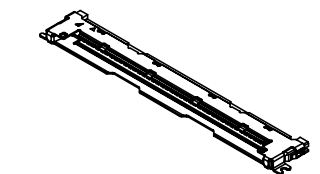
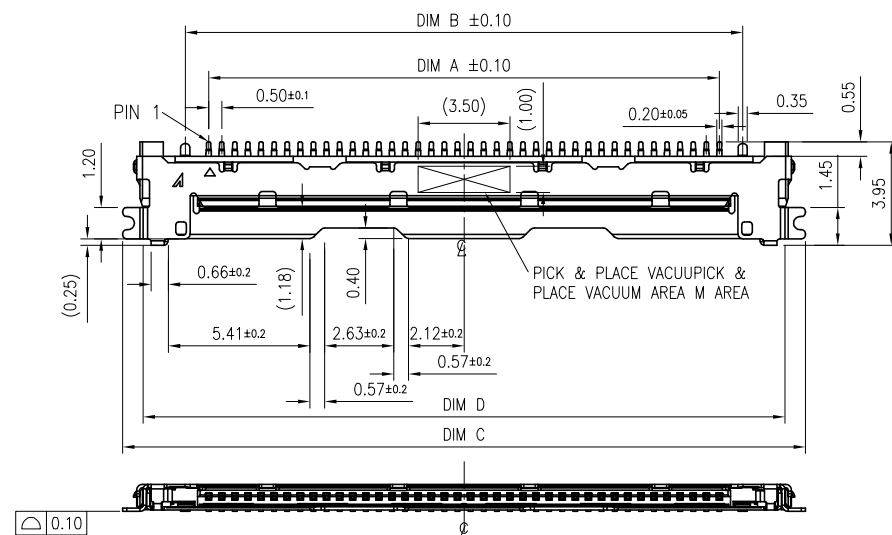
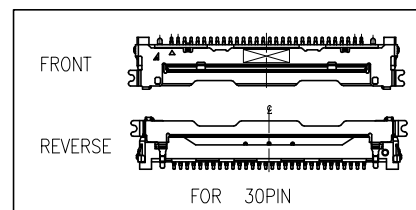
M: PLATING 50u"MIN NICKEL PLATING OVERALL
3u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL

C: PLATING 50u"MIN NICKEL PLATING OVERALL
15u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL

T: PLATING 50u"MIN NICKEL PLATING OVERALL
4u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL

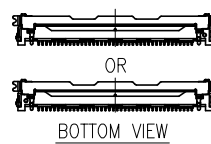
S: PLATING 50u"MIN NICKEL PLATING OVERALL
10u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL

B: PLATING 50u"MIN NICKEL PLATING OVERALL
5u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL



RECOMMENDED P.C.B LAYOUT

1. No component area
2. No trace, no test point, no via hole, no ground area



BOTTOM VIEW

PART/No.	CKT.	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	Available
50473-040XX-XXX	40PIN	19.50	21.30	26.06	24.50	24.30	20.60	28.20	25.24	24.00	YES

QUALITY SYMBOLS		DRAWN BY		DATE		ACES ELECTRONICS	
MAJOR 		YJIAHAO		23/07/11			
CRITICAL 		CHECKED BY		DATE		TITLE	
GENERAL TOLERANCES (UNLESS SPECIFIED)		BRAVE		23/07/11			
		APPROVED BY		DATE			
		BRAVE		23/07/11			
		UNITS		SIZE			
		mm		A4			
X. ±0.5				DWG NO.			
.X ±0.25				50473-XXXXX-XXX			
.XX ±0.15							
.XXX ±0.1							
ANGLES ±2°							
		SCALE		SHEET NO.		REV	
		4 : 1		1 OF 4		PART NO.	
						SEE NOTES	



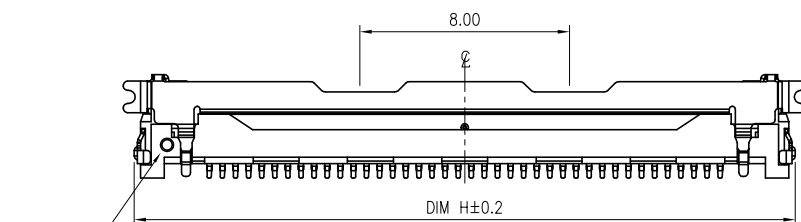
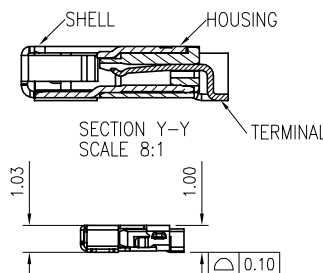
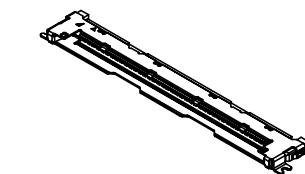
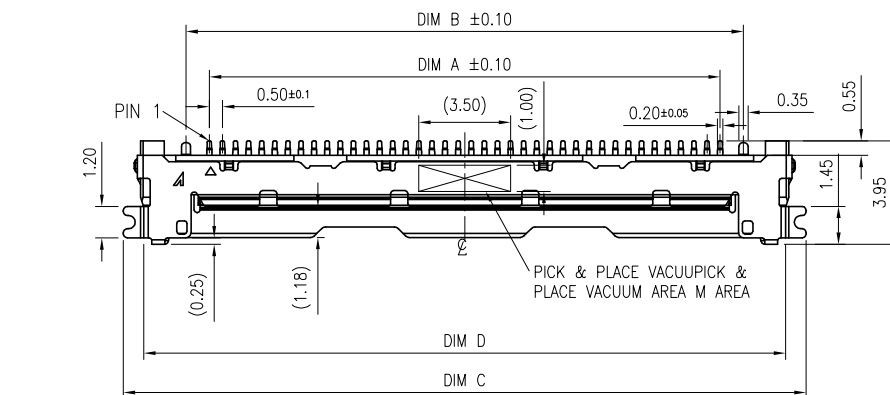
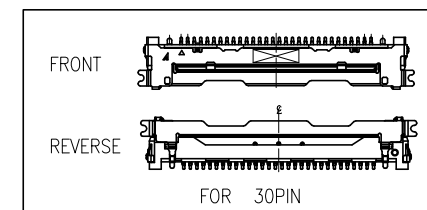
- NOTES:
1. MATERIAL:
 - 1.1 HOUSING: THERMOPLASTIC, HIGH TEMP., UL94V-0, COLOR:BLACK.
 - 1.2 CONTACT: COPPER ALLOY
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 2. FINISH:
 - 2.1 CONTACT: SEE PART NO. PLATING
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 - 50u"MIN NICKEL UNDERPLATING OVERALL.
 - 1u"MIN GOLD FLASH
 3. REFLOW SOLDER CAPABLE TO 260°C PER ACES SPEC.
 4. SPEC. PLS. REFER TO PS-50384-XXXX-XXX
 5. PACKAGE PLS. REFER TO PART NUMBER
 6. MATING CONNECTOR P/N 50384-XXXX-XXX
 7. PART NUMBER

Order	COLOR	PACKAGE	Material
001	BLACK	50473-xxxx-xx-TRP	Y
002	BLACK	50473-xxxx-01-TRP	Y
003	BLACK	50473-xxxx-02-TRP	Y
004	BLACK	50473-xxxx-03-TRP	Y
005	BLACK	50473-xxxx-04-TRP	Y
006	BLACK	50473-xxxx-05-TRP	Y
007	BLACK	50473-xxxx-06-TRP	Y
008	BLACK	50473-xxxx-07-TRP	Y
009	BLACK	50473-xxxx-08-TRP	Y
010	BLACK	50473-xxxx-09-TRP	Y
011	BLACK	50473-xxxx-10-TRP	Y
012	BLACK	50473-xxxx-11-TRP	Y
013	BLACK	50473-xxxx-12-TRP	Y
014	BLACK	50473-xxxx-13-TRP	Y
015	BLACK	50473-xxxx-14-TRP	Y
016	BLACK	50473-xxxx-15-TRP	Y
017	BLACK	50473-xxxx-16-TRP	Y
018	BLACK	50473-xxxx-17-TRP	Y
019	BLACK	50473-xxxx-18-TRP	Y
020	BLACK	50473-xxxx-19-TRP	Y
021	BLACK	50473-xxxx-20-TRP	Y
022	BLACK	50473-xxxx-21-TRP	Y
023	BLACK	50473-xxxx-22-TRP	Y
024	BLACK	50473-xxxx-23-TRP	Y
025	BLACK	50473-xxxx-24-TRP	Y
026	BLACK	50473-xxxx-25-TRP	Y
027	BLACK	50473-xxxx-26-TRP	Y
028	BLACK	50473-xxxx-27-TRP	Y
029	BLACK	50473-xxxx-28-TRP	Y
030	BLACK	50473-xxxx-29-TRP	Y
031	BLACK	50473-xxxx-30-TRP	Y
032	BLACK	50473-xxxx-31-TRP	Y
033	BLACK	50473-xxxx-32-TRP	Y
034	BLACK	50473-xxxx-33-TRP	Y
035	BLACK	50473-xxxx-34-TRP	Y
036	BLACK	50473-xxxx-35-TRP	Y
037	BLACK	50473-xxxx-36-TRP	Y
038	BLACK	50473-xxxx-37-TRP	Y
039	BLACK	50473-xxxx-38-TRP	Y
040	BLACK	50473-xxxx-39-TRP	Y
041	BLACK	50473-xxxx-40-TRP	Y
042	BLACK	50473-xxxx-41-TRP	Y
043	BLACK	50473-xxxx-42-TRP	Y
044	BLACK	50473-xxxx-43-TRP	Y
045	BLACK	50473-xxxx-44-TRP	Y
046	BLACK	50473-xxxx-45-TRP	Y
047	BLACK	50473-xxxx-46-TRP	Y
048	BLACK	50473-xxxx-47-TRP	Y
049	BLACK	50473-xxxx-48-TRP	Y
050	BLACK	50473-xxxx-49-TRP	Y
051	BLACK	50473-xxxx-50-TRP	Y
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071	BLACK	50473-xxxx-70-TRP	Y
072	BLACK	50473-xxxx-71-TRP	Y
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098	BLACK	50473-xxxx-97-TRP	Y
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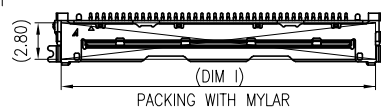
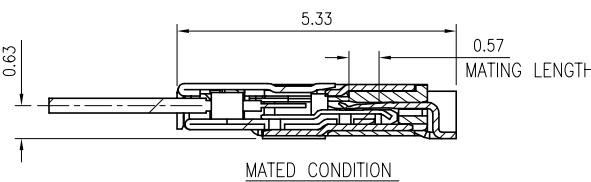
50473-XXX X X-XXX
NO OF CKT
XXX: CKTS
PACKING
0: Tape & Reel
1: Tube
4: Tape & Reel with Mylar
5: Tube with Mylar

PLATING

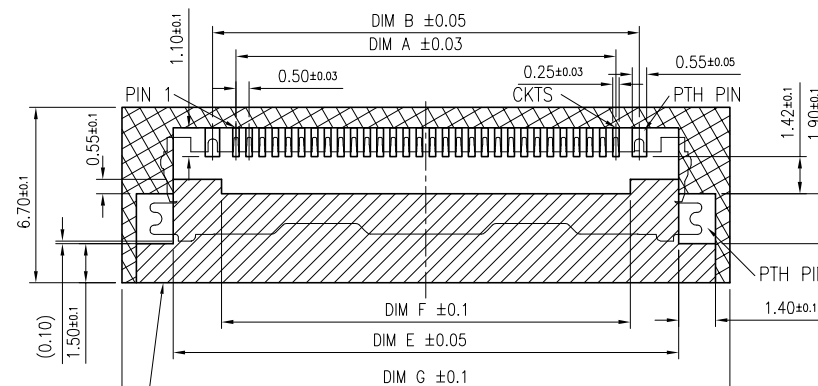
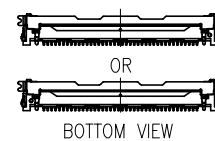
M: PLATING 50u"MIN NICKEL PLATING OVERALL
3u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL
C: PLATING 50u"MIN NICKEL PLATING OVERALL
15u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL
T: PLATING 50u"MIN NICKEL PLATING OVERALL
4u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL
S: PLATING 50u"MIN NICKEL PLATING OVERALL
10u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL
B: PLATING 50u"MIN NICKEL PLATING OVERALL
5u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL



SEE BOTTOM VIEW



1. No component area
2. No trace, no test point, no via hole, no ground area



RECOMMENDED P.C.B LAYOUT

PART/No.	CKT.	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	Available
50473-020XX-XXX	20PIN	9.50	11.30	16.06	14.50	14.30	10.60	18.20	15.24	14.00	YES
50473-030XX-XXX	30PIN	14.50	16.30	21.06	19.50	19.30	15.60	23.20	20.24	19.00	YES

QUALITY SYMBOLS	DRAWN BY		DATE		ACES ELECTRONICS
	YJIAHAO		23/07/12		
MAJOR 	CHECKED BY		DATE		TITLE LVDS CONNECTOR 0.5mm PITCH H=1.00mm
CRITICAL 					
GENERAL TOLERANCES (UNLESS SPECIFIED)	BRAVE		23/07/12		
	APPROVED BY		DATE		
	BRAVE		23/07/12		
X. ±0.5	UNITS		SIZE		DWG NO.
.X ±0.25	mm		A4		
.XX ±0.15					50473-XXXXX-XXX
.XXX ±0.1					
ANGLES ±2°	SCALE	SHEET NO.	REV	PART NO.	SEE NOTES
	4 : 1	2 OF 4	P		



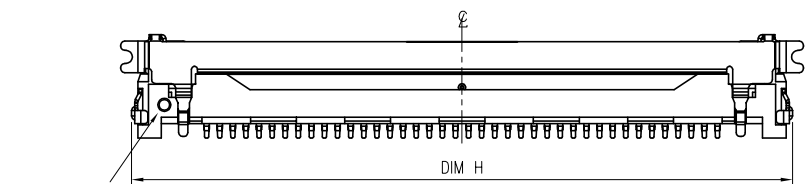
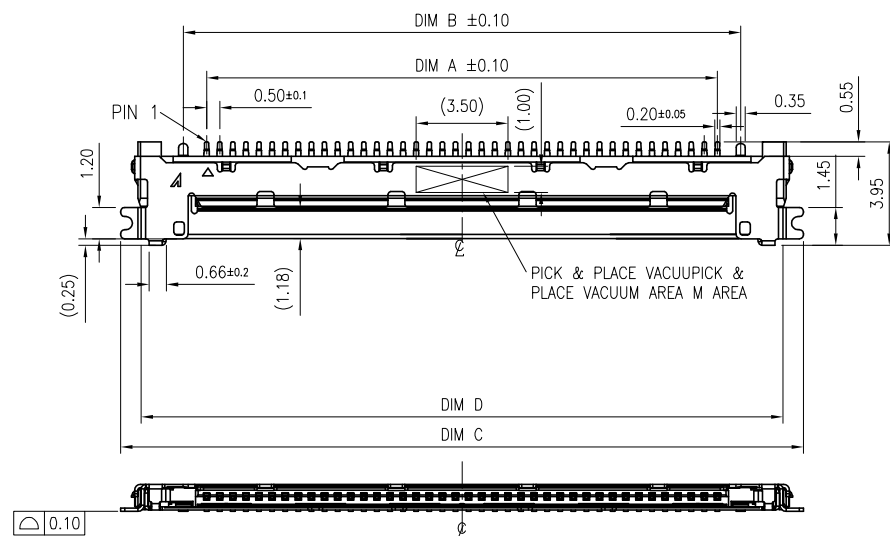
1

2

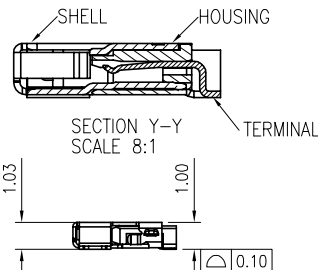
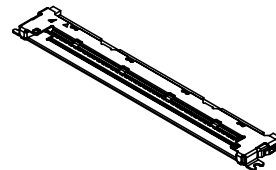
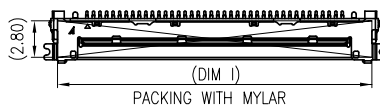
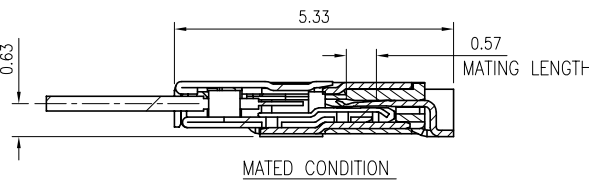
3

4

5



SEE BOTTOM VIEW



- NOTES:
1. MATERIAL:
 - 1.1 HOUSING: THERMOPLASTIC, HIGH TEMP., UL94V-0; COLOR:BLACK.
 - 1.2 CONTACT: COPPER ALLOY
 - 1.3 SHELL: COPPER ALLOY
 2. FINISH:
 - 2.1 CONTACT: SEE PART NO. PLATING
 - 2.2 SHELL:
 - 50u"MIN NICKEL UNDERPLATING OVERALL.
 - 1u"MIN GOLD FLASH ON SOLDER
 3. REFLOW SOLDER CAPABLE TO 260°C PER ACES SPEC.
 4. SPEC. PLS. REFER TO PS-50384-xxxx-xxx
 5. PACKAGE PLS. REFER TO PART NUMBER
 6. MATING CONNECTOR P/N 50384-xxxx-xxx
 7. PART NUMBER

50473-XXX X X-XXX	Other	COLOR	PACKAGE	Halogen Free
NO OF CKT-XXX: CKTS	005	BLACK	50473-xxxx-xx-TRP	Y
PACKING	0: Tape & Reel			
	1: Tube			
	4: Tape & Reel with Mylar			
	5: Tube with Mylar			

PLATING

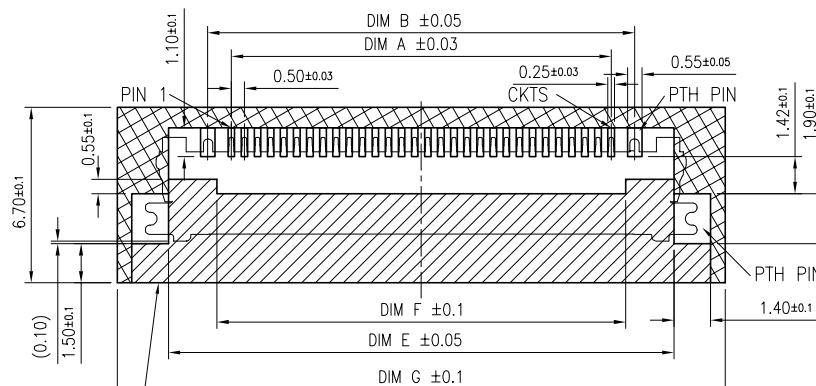
M: PLATING 50u"MIN NICKEL PLATING OVERALL
3u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL

C: PLATING 50u"MIN NICKEL PLATING OVERALL
15u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL

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4u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL

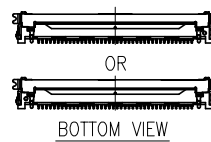
S: PLATING 50u"MIN NICKEL PLATING OVERALL
10u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL

B: PLATING 50u"MIN NICKEL PLATING OVERALL
5u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL



RECOMMENDED P.C.B LAYOUT

1. No component area
2. No trace, no test point, no via hole, no ground area



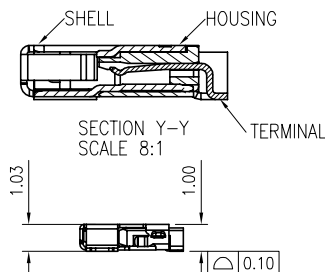
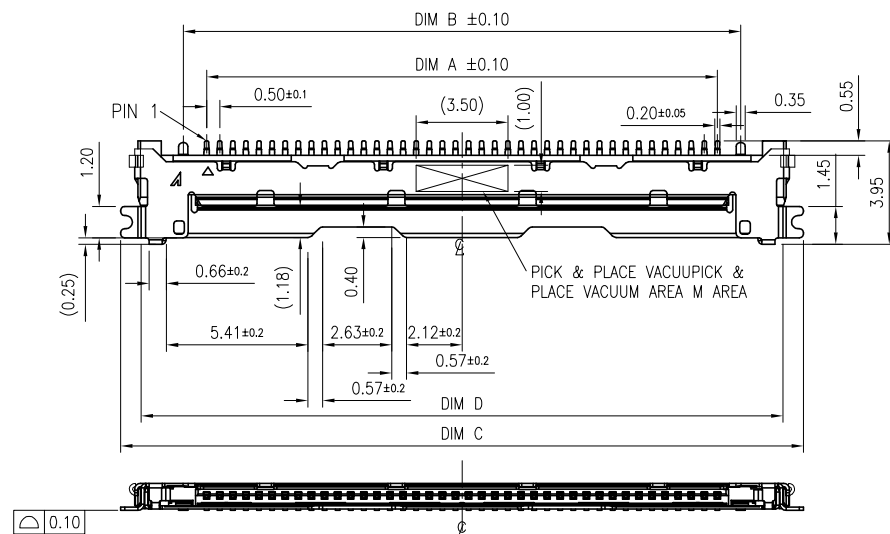
BOTTOM VIEW

PART/No.	CKT.	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	Available
50473-040XX-XXX	40PIN	19.50	21.30	26.06	24.50	24.30	20.60	28.20	25.24	24.00	YES

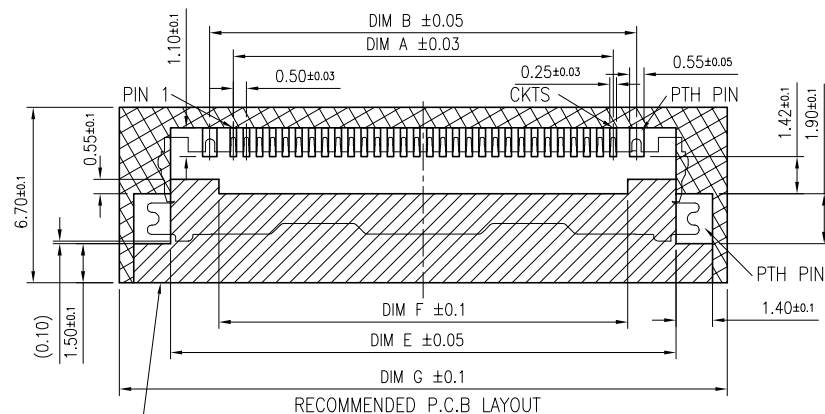
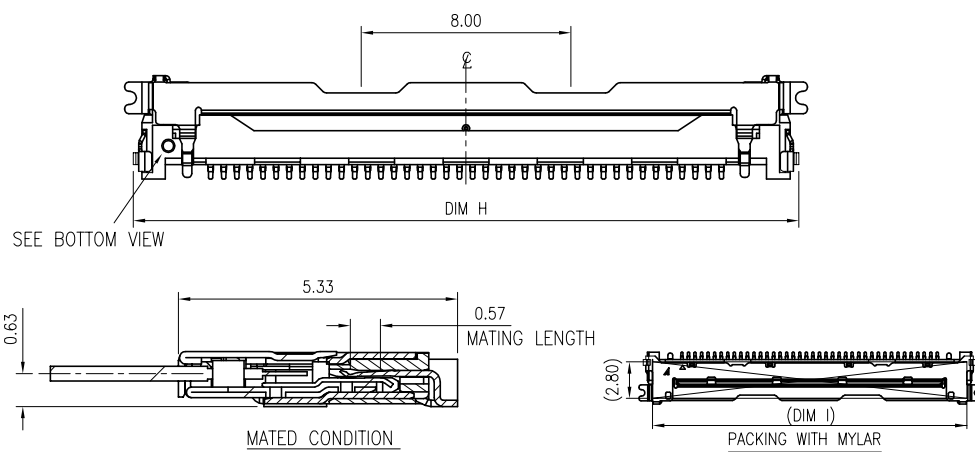
QUALITY SYMBOLS MAJOR Ⓜ CRITICAL Ⓢ GENERAL TOLERANCES (UNLESS SPECIFIED) X. ±0.5 .X ±0.25 .XX ±0.15 .XXX ±0.1 ANGLES ±2°	DRAWN BY YJIAHAO	DATE 23/07/11	ACES ELECTRONICS TITLE LVDS CONNECTOR 0.5mm PITCH H=1.00mm SIZE A4 DWG NO. 50473-XXXXX-XXX REV P PART NO. SEE NOTES
	CHECKED BY BRAVE	DATE 23/07/11	
	APPROVED BY BRAVE	DATE 23/07/11	
	UNITS mm	SHEET NO. 3 OF 4	



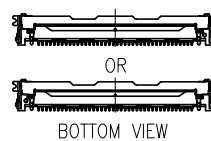
- NOTES:
1. MATERIAL:
 - 1.1 HOUSING: THERMOPLASTIC, HIGH TEMP., UL94V-0; COLOR:BLACK.
 - 1.2 CONTACT: COPPER ALLOY
 - 1.3 SHELL: COPPER ALLOY
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 - 2.1 CONTACT: SEE PART NO. PLATING
 - 2.2 SHELL:
 - 50u"MIN NICKEL UNDERPLATING OVERALL.
 - 1u"MIN GOLD FLASH
 3. REFLOW SOLDER CAPABLE TO 260°C PER ACES SPEC.
 4. SPEC. PLS. REFER TO PS-50384-xxxx-xxx
 5. PACKAGE PLS. REFER TO PART NUMBER
 6. MATING CONNECTOR P/N 50384-xxxx-xxx
 7. PART NUMBER



50473-XXX X X-XXX	Order	COLOR	PACKAGE	Halogen Free
NO OF CKT XXX: CKTS	W03	BLACK	50473-xxxx-07-TBP	Y
PACKING	PLATING			
0:Tape & Reel	M: PLATING 50u"MIN NICKEL PLATING OVERALL			
1:Tube	3u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL			
4:Tape & Reel with Mylar	C: PLATING 50u"MIN NICKEL PLATING OVERALL			
5:Tube with Mylar	15u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL			
	T: PLATING 50u"MIN NICKEL PLATING OVERALL			
	4u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL			
	S: PLATING 50u"MIN NICKEL PLATING OVERALL			
	10u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL			
	B: PLATING 50u"MIN NICKEL PLATING OVERALL			
	5u" GOLD ON CONTACT AND 3u" GOLD ON SOLDER TAIL			



1. No component area
2. No trace, no test point, no via hole, no ground area



PART/No.	CKT.	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F	DIM G	DIM H	DIM I	Available
50473-040XX-XXX	40PIN	19.50	21.30	26.06	24.50	24.30	20.60	28.20	25.40	24.00	YES

QUALITY SYMBOLS MAJOR Ⓜ CRITICAL Ⓢ GENERAL TOLERANCES (UNLESS SPECIFIED) X. ±0.5 .X ±0.25 .XX ±0.15 .XXX ±0.1 ANGLES ±2°	DRAWN BY YJIAHAO	DATE 23/07/11		
	CHECKED BY BRAVE	DATE 23/07/11		
	APPROVED BY BRAVE	DATE 23/07/11	TITLE LVDS CONNECTOR 0.5mm PITCH H=1.00mm	
	UNITS mm		SIZE A4	DWG NO. 50473-XXXXX-XXX
SCALE 4:1	SHEET NO. 4 OF 4	REV P	PART NO. SEE NOTES	