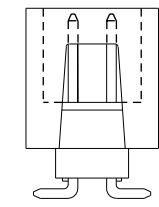
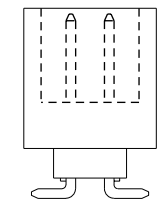
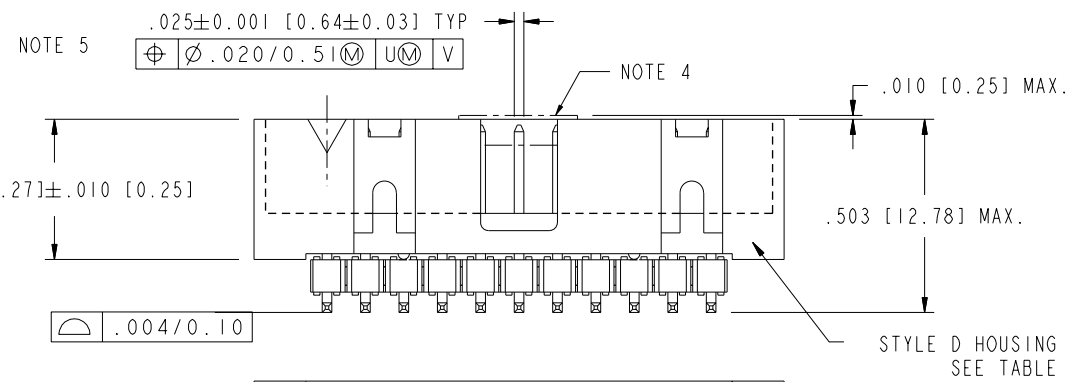
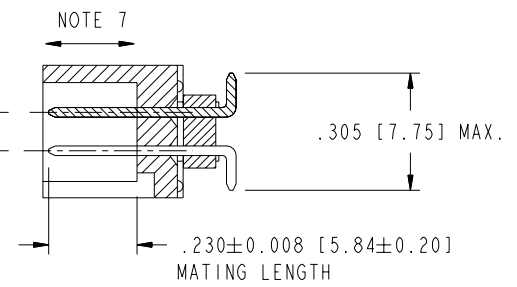
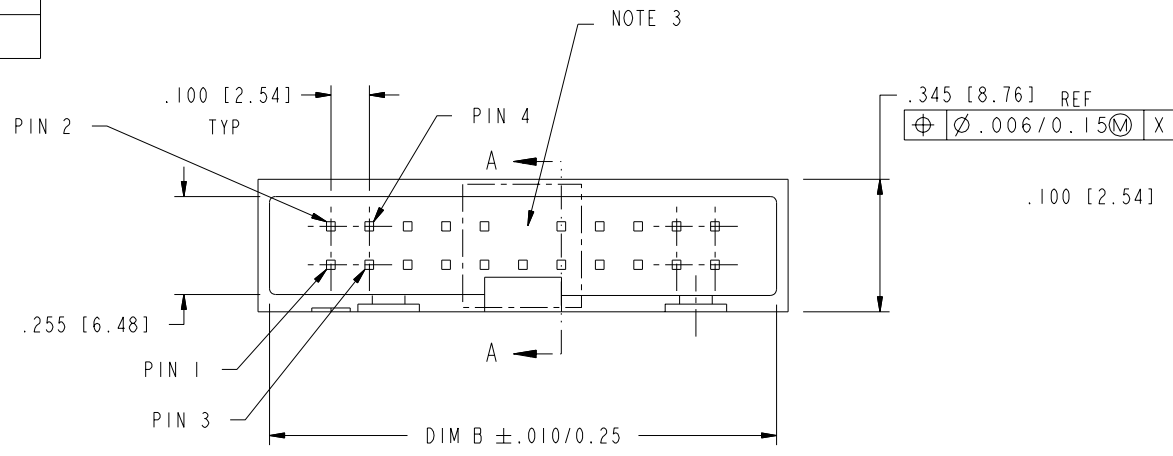
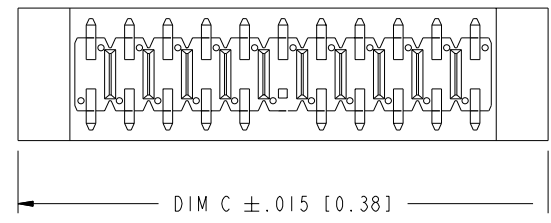


PRODUCT NO
SEE TABLE



w/WINDOW OPTION
SEE TABLE



DRAWN WITHOUT WINDOW OPTION

rev	ecn no	dr	date
AA	M05-0086	ERE	09/28/05
AB	M06-0269	MNR	07/17/06
AC	M06-0356	MNR	09/08/06
AD	M08-0108	MHT	04/17/18
AE	M08-0230	MHT	08/14/08
AF	M08-0291	MHT	10/08/08
AG	N10-0078	David	3/23/10

www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection INCH/MM
TOLERANCES UNLESS OTHERWISE SPECIFIED		ANGULAR	size A3	Scale 3:1
Dr	E. KROPWIENICK	08/21/96	.XX±.01/.X±0.3	ECN N10-0078
Eng	L.FYE	08/21/96	.XXX±.005/.XX±0.13	Spec ref
Chr	T.BREWBAKER	08/21/96	.XXXX±.002/.XXX±0.051	
Appr	T.BREWBAKER	08/21/96	Product family	
FCI		BERGSTIK II HDR. D/R SLIMLINE SMT ASSEMBLY		dwg no 72454
catalog no		CUSTOMER		Rev. AG
		sheet 1 of 4		

REV F - 2006-04-17

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PRODUCT NO
SEE TABLE

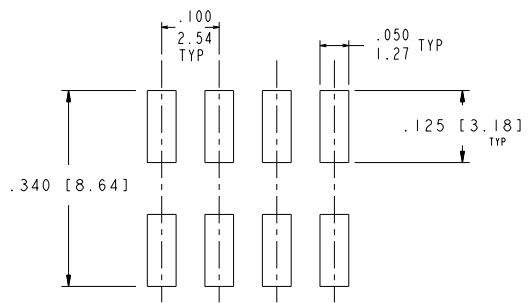
PLATING CODE	CONTACT AREA PLATING	SOLDER TAIL PLATING
AA	30u"/.76u AU OVER 50u"/1.27u Ni	100u"/2.54u TIN OVER 50u"/1.27u Ni
4	100u"/3.05u Sn OVER 50u"/1.27u Ni	100u"/3.05u Sn OVER 50u"/1.27u Ni

LEAD FREE PLATING	AA	30u"/.76u AU OVER 50u"/1.27u Ni	100u"/2.54u TIN OVER 50u"/1.27u Ni
	4	100u"/3.05u Sn OVER 50u"/1.27u Ni	100u"/3.05u Sn OVER 50u"/1.27u Ni

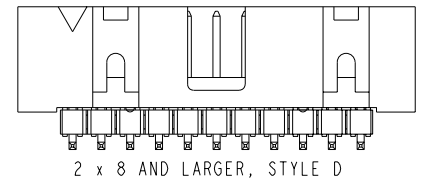
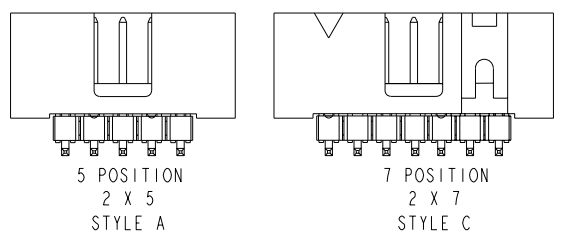
NOTE 11

NOTES:

1. BODY MATERIAL: PCT, GLASS FIBER REINFORCED, FLAME RETARDANT PER UL-94V-0.
COLOR: BLACK OR
MINERAL FILLED LCP, FLAME RETARDANT PER UL-94V-0
COLOR: BLACK
2. PIN MATERIAL: PHOS-BRONZE.
3. PINS DELETED FROM SPECIFIED LOCATIONS FOR POLARIZATION. SEE TABLE FOR LOCATIONS.
4. PACKAGING OPTIONS: CHECK SPECIFIC PART NUMBERS FOR AVAILABILITY.
PART NUMBERS WITHOUT A SUFFIX ARE PACKAGED IN TRAYS.
PART NUMBERS FOLLOWED BY A "V" SUFFIX ARE PACKAGED TAPE-ON-REEL WITH A PICK-UP CAP INSTALLED. VACUUM CAP TO BE CENTRALLY LOCATED REGARDLESS OF NUMBER OF POSITIONS.
PART NUMBERS FOLLOWED BY A "B" SUFFIX ARE ASSEMBLED WITH VACUUM PICK-UP CAPS INSTALLED AND PACKAGED IN TRAYS
5. MEASURED WITH PART IN RESTRAINED CONDITION.
6. TWO SIDES OF PIN TIPS NOT PLATED. TYPICAL BOTH ENDS (SIMPLEX PLATING ONLY).
7. 2 LBS/0.9KG MIN PIN RETENTION IN EITHER DIRECTION.
8. ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
9. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
10. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 10-20 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. SEE APPLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.
11. "THIS PRODUCT HAS 100% TIN PLATING IN THE INTERFACE AND HAS NOT BEEN TESTED FOR WHISKER GROWTH IN ALL INTERCONNECT ENVIRONMENTS."



RECOMMENDED PAD LAYOUT
SCALE 4/1

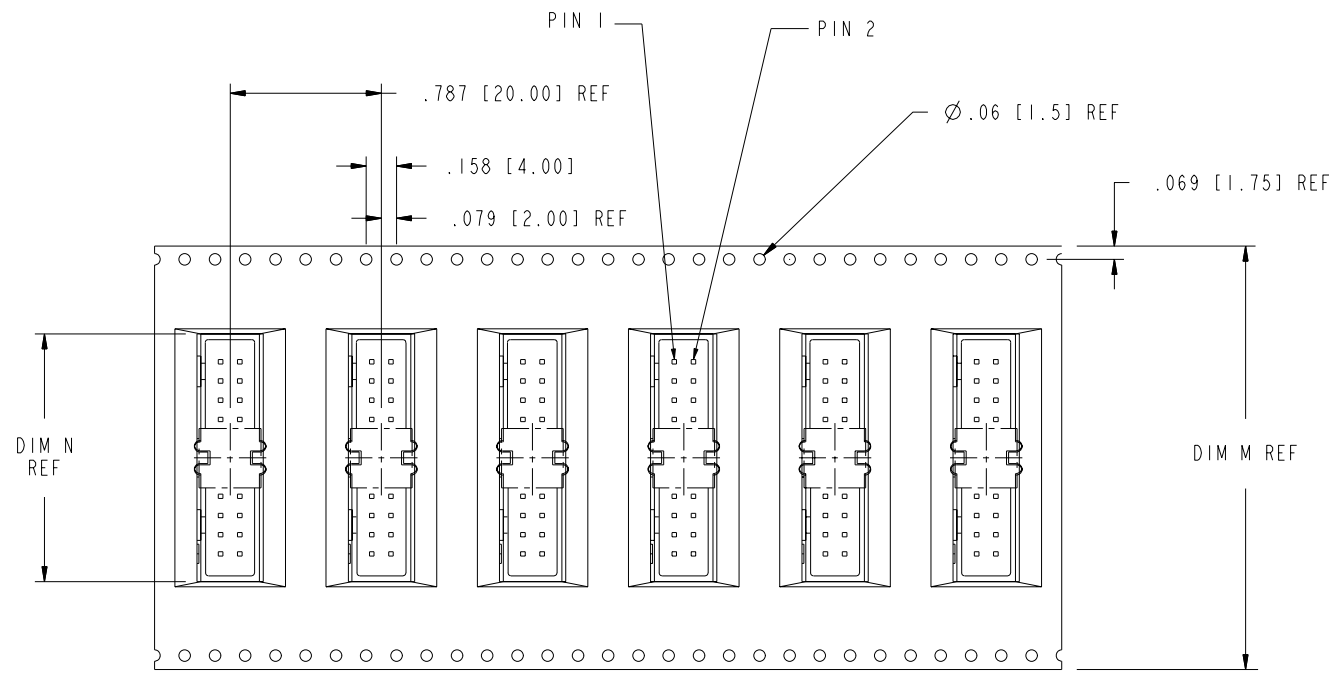


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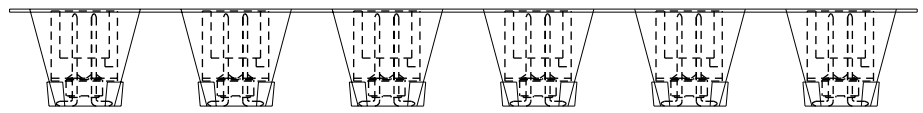
www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection 	INCH/MM
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	E.KROPWIENICK	08/21/96	ANGULAR	size A3	Scale 2:1
Eng	L.FYE	08/21/96	LINEAR		
Chr	T.BREWBAKER	08/21/96	0° ±°	ECN N10-0078	
Appr	T.BREWBAKER	08/21/96	Product family	Spec ref	
			title BERGSTIK 11 HDR. D/R SLIMLINE SMT ASSEMBLY		Rev. AG
catalog no			drg no 72454		sheet 2 of 4

REV F - 2006-04-17

PRODUCT NO
SEE TABLE



UN-REELING DIRECTION OF FEED →



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www.fciconnect.com		surface ISO 1302	tolerance std ISO 406 ISO 1101	projection ISO 1101	INCH/MM
TOLERANCES UNLESS OTHERWISE SPECIFIED					
Dr	E.KROPWIENICK	08/21/96	ANGULAR	size A3	Scale 2:1
Eng	L.FYE	08/21/96	LINEAR	ECN	N10-0078
Chr	T.BREWBAKER	08/21/96	0° ±°	Spec ref	
Appr	T.BREWBAKER	08/21/96	Product family		
FCI			title BERGSTIK II HDR. D/R SLIMLINE SMT ASSEMBLY	dwg no 72454	Rev. AG
			catalog no	CUSTOMER	sheet 3 of 4

REV F - 2006-04-17

PDM: Rev:AG

STATUS Released

Printed: Oct 15, 2010

1			2					3			4		
PRODUCT NUMBER	NO. OF POSITIONS	DIM B	DIM C	STYLE	POLARIZED POSITION	WINDOW OPTION	PLATING CODE	PACKAGING	TAPE WIDTH DIM M	POCKET DEPTH	DIM N	LEAD FREE OPTION	
72454-008	2 X 4	.610/15.50	.690/15.33	A	-	N	AA	TRAY	--	--	--	NOTE 8,9	
72454-010	2 X 5	.710/18.03	.790/20.07	A	-	N	AA	TRAY	--	--	--		
72454-010V	2 X 5	.710/18.03	.790/20.07	A	-	N	AA	TAPE ON REEL	1.260/32.00	.515/13.08	.790/20.07		
72454-014	2 X 7	.910/23.11	.99/25.2	C	-	N	AA	TRAY	--	--	--		
72454-014V	2 X 7	.910/23.11	.99/25.2	C	-	N	AA	TAPE ON REEL	1.732/44.00	.515/13.08	1.090/27.69		
72454-016	2 X 8	1.010/25.65	1.090/27.69	D	-	N	AA	TRAY	--	--	--		
72454-016V	2 X 8	1.010/25.65	1.090/27.69	D	-	N	AA	TAPE ON REEL	1.732/44.00	.515/13.08	1.090/27.69		
72454-020	2 X 10	1.210/30.73	1.290/32.77	D	-	N	AA	TRAY	--	--	--		
72454-020V	2 X 10	1.210/30.73	1.290/32.77	D	-	N	AA	TAPE-ON-REEL	2.205/56.00	.505/12.83	1.290/32.77		
72454-021	2 X 11	1.310/33.27	1.390/35.31	D	12	N	AA	TRAY	--	--	--		
72454-022	2 X 11	1.310/33.27	1.390/35.31	D	-	N	AA	TRAY	--	--	--		
72454-024	2 X 12	1.410/35.81	1.490/37.9	D	-	N	AA	--	--	--	--		
72454-024V	2 X 12	1.410/35.81	1.490/37.9	D	-	N	AA	TAPE-ON-REEL	2.205/56.00	.515/13.08	1.490/37.85		
72454-026	2 X 13	1.510/38.35	1.590/40.39	D	-	N	AA	TRAY	--	--	--		
72454-030	2 X 15	1.710/43.43	1.790/45.47	D	-	N	AA	TRAY	--	--	--		
72454-030V	2 X 15	1.710/43.43	1.790/45.47	D	-	N	AA	TAPE-ON-REEL	0.787/20.00	2.834/72.00	1.771/45.00		
72454-034	2 X 17	1.910/48.51	1.990/50.60	D	-	N	AA	TRAY	--	--	--		
72454-040	2 X 20	2.210/56.13	2.290/58.17	D	-	N	4	TRAY	--	--	--		
72454-041	2 X 20	2.210/56.13	2.290/58.17	D	-	N	AA	TRAY	--	--	--		
72454-044	2 X 22	2.410/61.21	2.490/63.25	D	-	N	AA	TRAY	--	--	--		
72454-050	2 X 25	2.710/68.83	2.790/70.87	D	-	N	AA	TRAY	--	--	--		
72454-051	2 X 10	1.210/30.73	1.290/32.77	D	-	Y	AA	TRAY	--	--	--		
72454-051V	2 X 10	1.210/30.73	1.290/32.77	D	-	Y	AA	TAPE-ON-REEL	2.205/56.00	.505/12.83	1.290/32.77		
72454-052	2 X 20	2.210/56.13	2.290/58.17	D	20	N	AA	TRAY	--	--	--		
72454-053V	2 X 5	0.710/18.03	0.790/20.07	A	9	N	AA	TAPE ON REEL	1.260/32.00	.515/13.08	.790/20.07	NOTE 8,9	



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www.fciconnect.com			surface ISO 1302	tolerance std ISO 406 ISO 1101	projection 	INCH/MM
			TOLERANCES UNLESS OTHERWISE SPECIFIED			
Dr	E. KROPWIENICK	08/21/96	ANGULAR	LINEAR	.XX±.01/.X±0.3	size A3
Eng	L.FYE	08/21/96			.XXX±.005/.XX±0.13	Scale 3:1
Chr	T.BREWBAKER	08/21/96	0° ±°			ECN N10-0078
Appr	T.BREWBAKER	08/21/96	Product family			Spec ref
		title BERGSTIK II HDR. D/R SLIMLINE SMT ASSEMBLY			dwg no 72454	Rev. AG
		catalog no	CUSTOMER		sheet 4 of 4	

REV F - 2006-04-17