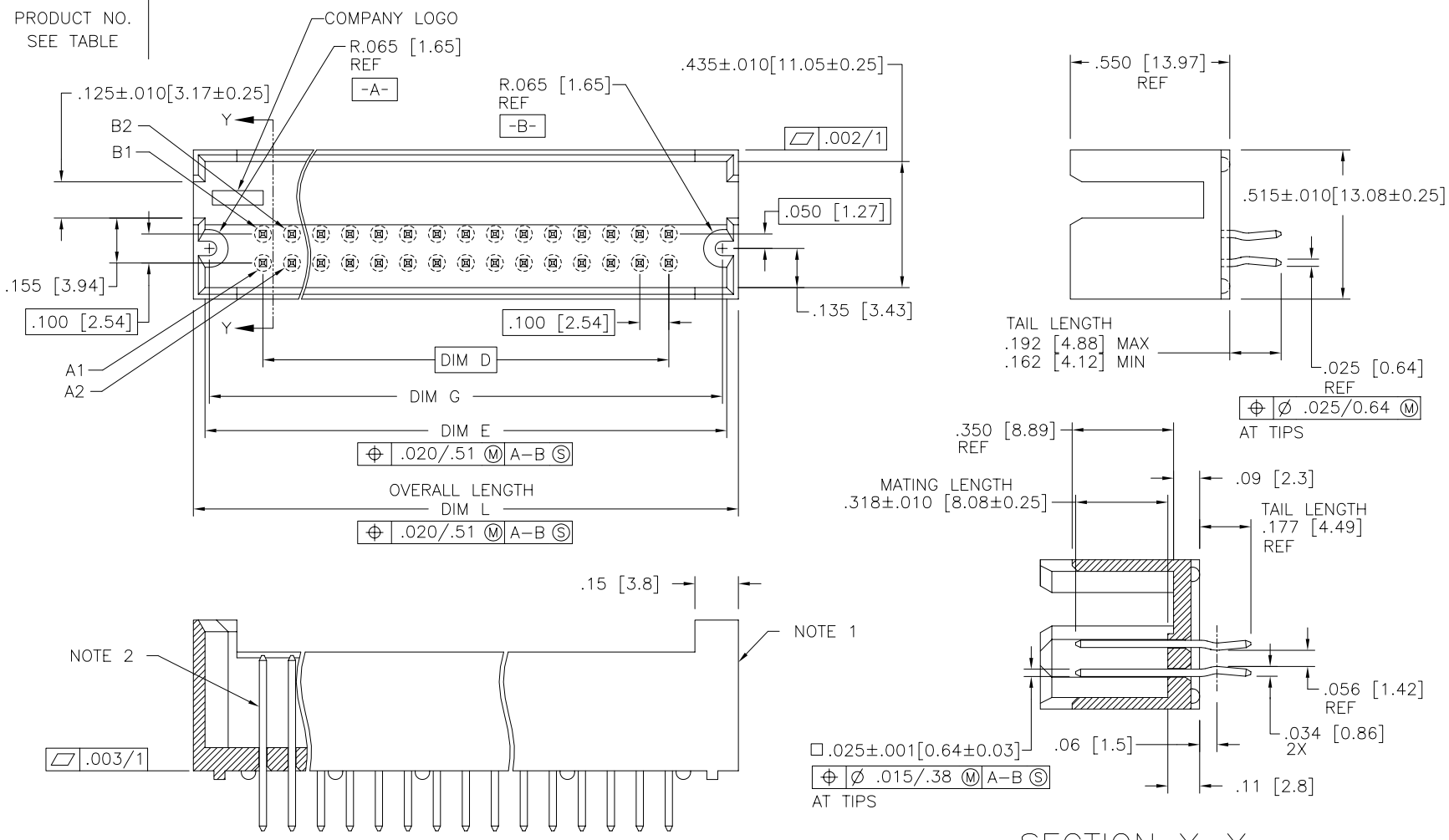


SECTION Y–Y

mat'l. code				surface ISO 1302		tolerance ISO 406 ISO 1101		projection	product family HEADERS
ltr	ecn no	dr	date	tolerances unless otherwise specified					title
A	RELEASED	MRC	2/6/91	angles	linear	.XX±.01/.3		INCH/MM	VERTICAL 2 ROW GUIDE PIN (SLOTTED)
B	V20484	JWB	5/14/92			.XXX±.005/.13			HEADER W/SPECIAL RETENTION FEATURE
C	V50832	MSC	8/08/95	0°±2°		.XXXX±.0020/.051		scale 2:1	
D	M05-0089	MHT	5/26/05	dr	M. CORNMAN	2/6/91			dwg no 87253 sheet 1 of 6 size A3
E	M07-0116	AGS	2/25/07	engr	S. AURAND	2/6/91			
				chr	S. AURAND	2/6/91			type Product Customer Drawing
				appd	S. AURAND	2/6/91			

sheet index	revision	E	E	E	E	E	E														
	sheet	1	2	3	4	5	6														

FCIconnect.com
Copyright FCI

form: A3

PDM: Rev:E STATUS: Released Printed: Oct 13, 2010

PRODUCT NO. NOTE 4, 5	SIZE NOTE 4	PLATING REF NOTE 6	KINK POS.
87253-005 THRU 87253-050	2 X 5 THRU 2 X 50	30u"/0.76u Au	NOTE 3
87253-105 THRU 87253-150	2 X 5 THRU 2 X 50	15u"/0.38u Au	NOTE 3
87253-205 THRU 87253-250	2 X 5 THRU 2 X 50	30u"/0.76u GXT OVER 50u"/1.27u Ni	NOTE 3
87253-305 THRU 87253-350	2 X 5 THRU 2 X 50	15u"/0.38u GXT OVER 50u"/1.27u Ni	NOTE 3

NOTES:

1. MOLDING MATERIAL: 20% MIN GLASS FLLED POLYESTER PER UL 94 V-0 COLOR-BLACK.
2. PIN RETENTION TO BE 3 LBS / 1.36 KG MIN PER PIN IN EITHER DIRECTION.
3. RETENTION FEATURE (KINK) LOCATED TWO PAIRS EACH END 2X25 AND LARGER. RETENTION FEATURE (KINK) LOCATED ON 2 PAIR OF PINS IN THE CENTER OF PARTS SMALLER THAN 2X25.
4. -XYY REPRESENTS NO. OF COLUMNS (i.e. 30u"/0.76u Au 2 x 5 PART IS -005) -X01 THRU -X04 ARE NOT AVAILABLE, -X05 THRU -X50 ARE AVAILABLE. -X51 THRU -X00 ARE NOT AVAILABLE.
5. ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
6. PLATING OPTIONS: MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.
7. THIS PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.
8. THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 15 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.5mm MINIMUM THICK CIRCUIT BOARD. SEE APLICATION NOTES/PROCEDURES IF THEY ARE AVAILABLE.

mat'l. code	surface ISO 1302	tolerance ISO 406 ISO 1101	projection
ltr ecn no dr date	tolerances unless otherwise specified		
E	angles 0°±2°	linear .XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.051	INCH/MM
			scale 2:1
	dr M. CORNMAN 2/6/91		
	engr S. AURAND 2/6/91		
	chr S. AURAND 2/6/91		
	appd S. AURAND 2/6/91		
sheet index / revision sheet			

product family: HEADERS

title: VERTICAL 2 ROW GUIDE PIN (SLOTTED) HEADER W/SPECIAL RETENTION FEATURE

dwg no 87253 sheet 2 of 6 size A3

type Product Customer Drawing

Copyright FCI

FCIconnect.com

form: A3

PDM: Rev:E STATUS: Released Printed: Oct 13, 2010

PRODUCT NO. NOTE 5	SIZE	OVERALL LENGTH DIM L	DIM D	DIM E	DIM G
87253–X01	U N A V A I L A B L E				
–X02					
–X03					
–X04	U N A V A I L A B L E				
–X05	2 X 5	.88/22.35	.400/10.16	.80/20.32	.77/19.55
–X06	2 X 6	.98/24.89	.500/12.70	.90/22.86	.87/22.09
–X07	2 X 7	1.08/27.43	.600/15.24	1.00/25.40	.97/24.63
–X08	2 X 8	1.18/29.97	.700/17.78	1.10/27.94	1.07/27.17
–X09	2 X 9	1.28/32.51	.800/20.32	1.20/30.48	1.17/29.71
–X10	2 X 10	1.38/35.05	.900/22.86	1.30/33.02	1.27/32.25
–X11	2 X 11	1.48/37.59	1.000/25.40	1.40/35.56	1.37/34.79
–X12	2 X 12	1.58/40.13	1.100/27.94	1.50/38.10	1.47/37.33
–X13	2 X 13	1.68/42.67	1.200/30.48	1.60/40.64	1.57/39.87
–X14	2 X 14	1.78/45.21	1.300/33.02	1.70/43.18	1.67/42.41
–X15	2 X 15	1.88/47.75	1.400/35.56	1.80/45.72	1.77/44.95
–X16	2 X 16	1.98/50.29	1.500/38.10	1.90/48.26	1.87/47.49
–X17	2 X 17	2.08/52.83	1.600/40.64	2.00/50.80	1.97/50.03
–X18	2 X 18	2.18/55.37	1.700/43.18	2.10/53.34	2.07/52.57
–X19	2 X 19	2.28/57.91	1.800/45.72	2.20/55.88	2.17/55.11
–X20	2 X 20	2.38/60.45	1.900/48.26	2.30/58.42	2.27/57.65
–X21	2 X 21	2.48/62.99	2.000/50.80	2.40/60.96	2.37/60.19
–X22	2 X 22	2.58/65.53	2.100/53.34	2.50/63.50	2.47/62.73
–X23	2 X 23	2.68/68.07	2.200/55.88	2.60/66.04	2.57/65.27
–X24	2 X 24	2.78/70.61	2.300/58.42	2.70/68.58	2.67/67.81
87253–X25	2 X 25	2.88/73.15	2.400/60.96	2.80/71.12	2.77/70.35

mat'l. code

surface ISO 1302

tolerance ISO 406 ISO 1101

tolerances unless otherwise specified

angles 0°±2°

linear .XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.051

projection

INCH/MM

scale 2:1

product family: HEADERS

title: VERTICAL 2 ROW GUIDE PIN (SLOTTED) HEADER W/SPECIAL RETENTION FEATURE

dwg no 87253 sheet 3 of 6 size A3

type Product Customer Drawing

ltr	ecn no	dr	date
E			

dr	M. CORNMAN	2/6/91
engr	S. AURAND	2/6/91
chr	S. AURAND	2/6/91
appd	S. AURAND	2/6/91

sheet index | revision sheet

FCIconnect.com

Copyright FCI

form: A3

PDM: Rev:E STATUS: Released Printed: Oct 13, 2010

PRODUCT NO. NOTE 5	SIZE	OVERALL LENGTH DIM L	DIM D	DIM E	DIM G
87253-X26	2 X 26	2.98/75.69	2.500/63.50	2.90/73.66	2.87/72.89
-X27	2 X 27	3.08/78.23	2.600/66.04	3.00/76.20	2.97/75.43
-X28	2 X 28	3.18/80.77	2.700/68.58	3.10/78.74	3.07/77.97
-X29	2 X 29	3.28/83.31	2.800/71.12	3.20/81.28	3.17/80.51
-X30	2 X 30	3.38/85.85	2.900/73.66	3.30/83.82	3.27/83.05
-X31	2 X 31	3.48/88.39	3.000/76.20	3.40/86.36	3.37/85.59
-X32	2 X 32	3.58/90.93	3.100/78.74	3.50/88.90	3.47/88.13
-X33	2 X 33	3.68/93.47	3.200/81.28	3.60/91.44	3.57/90.67
-X34	2 X 34	3.78/96.01	3.300/83.82	3.70/93.98	3.67/93.21
-X35	2 X 35	3.88/98.55	3.400/86.36	3.80/96.52	3.77/95.75
-X36	2 X 36	3.98/101.09	3.500/88.90	3.90/99.06	3.87/98.29
-X37	2 X 37	4.08/103.63	3.600/91.44	4.00/101.60	3.97/100.83
-X38	2 X 38	4.18/106.17	3.700/93.98	4.10/104.14	4.07/103.37
-X39	2 X 39	4.28/108.71	3.800/96.52	4.20/106.68	4.17/105.91
-X40	2 X 40	4.38/111.25	3.900/99.06	4.30/109.22	4.27/108.45
-X41	2 X 41	4.48/113.79	4.000/101.60	4.40/111.76	4.37/110.99
-X42	2 X 42	4.58/116.33	4.100/104.14	4.50/114.30	4.47/113.53
-X43	2 X 43	4.68/118.87	4.200/106.68	4.60/116.84	4.57/116.07
-X44	2 X 44	4.78/121.41	4.300/109.22	4.70/119.38	4.67/118.61
-X45	2 X 45	4.88/123.95	4.400/111.76	4.80/121.92	4.77/121.15
-X46	2 X 46	4.98/126.49	4.500/114.30	4.90/124.46	4.87/123.69
-X47	2 X 47	5.08/129.03	4.600/116.84	5.00/127.00	4.97/126.23
-X48	2 X 48	5.18/131.57	4.700/119.38	5.10/129.54	5.07/128.77
-X49	2 X 49	5.28/134.11	4.800/121.92	5.20/132.08	5.17/131.31
87253-X50	2 X 50	5.38/136.65	4.900/124.46	5.30/134.62	5.27/133.85

FCIconnect.com

Copyright FCI

mat'l. code	surface ISO 1302	tolerance ISO 406 ISO 1101	projection
ltr: E	tolerances unless otherwise specified		INCH/MM
angles 0°±2°	linear .XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.051		scale 2:1
dr	M. CORNMAN	2/6/91	
engr	S. AURAND	2/6/91	
chr	S. AURAND	2/6/91	
appd	S. AURAND	2/6/91	

product family: HEADERS

title: VERTICAL 2 ROW GUIDE PIN (SLOTTED) HEADER W/SPECIAL RETENTION FEATURE

dwg no: 87253 — sheet 4 of 6 — size A3

type: Product Customer Drawing

sheet index | revision sheet

PDM: Rev:E STATUS: Released Printed: Oct 13, 2010

PRODUCT NO.	SIZE	DIM L	DIM D	DIM E	DIM G
87253–X51		D I S C O N T I N U E D			
–X52		D I S C O N T I N U E D			
–X53		D I S C O N T I N U E D			
–X54		D I S C O N T I N U E D			
–X55		D I S C O N T I N U E D			
–X56		D I S C O N T I N U E D			
–X57		D I S C O N T I N U E D			
–X58		D I S C O N T I N U E D			
–X59		D I S C O N T I N U E D			
–X60		D I S C O N T I N U E D			
–X61		D I S C O N T I N U E D			
–X62		D I S C O N T I N U E D			
–X63		D I S C O N T I N U E D			
–X64		D I S C O N T I N U E D			
–X65		D I S C O N T I N U E D			
–X66		D I S C O N T I N U E D			
–X67		D I S C O N T I N U E D			
–X68		D I S C O N T I N U E D			
–X69		D I S C O N T I N U E D			
–X70		D I S C O N T I N U E D			
–X71		D I S C O N T I N U E D			
–X72		D I S C O N T I N U E D			
–X73		D I S C O N T I N U E D			
–X74		D I S C O N T I N U E D			
87253–X75		D I S C O N T I N U E D			

FCIconnect.com

Copyright FCI

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family HEADERS
ltr	ecn no	dr	date	tolerances unless otherwise specified			title
E				angles 0°±2°	linear .XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.051	INCH/MM	VERTICAL 2 ROW GUIDE PIN (SLOTTED) HEADER W/SPECIAL RETENTION FEATURE
						scale 2:1	
				dr M. CORNMAN 2/6/91			dwg no 87253 sheet5 of 6 size A3
				engr S. AURAND 2/6/91			
				chr S. AURAND 2/6/91			type Product Customer Drawing
				appd S. AURAND 2/6/91			
sheet index	revision sheet						

form: A3

PDM: Rev:E STATUS:Released Printed: Oct 13, 2010

PRODUCT NO.	SIZE	DIM L	DIM D	DIM E	DIM G
87253-X76	D I S C O N T I N U E D				
-X77	D I S C O N T I N U E D				
-X78	D I S C O N T I N U E D				
-X79	D I S C O N T I N U E D				
-X80	D I S C O N T I N U E D				
-X81	D I S C O N T I N U E D				
-X82	D I S C O N T I N U E D				
-X83	D I S C O N T I N U E D				
-X84	D I S C O N T I N U E D				
-X85	D I S C O N T I N U E D				
-X86	D I S C O N T I N U E D				
-X87	D I S C O N T I N U E D				
-X88	D I S C O N T I N U E D				
-X89	D I S C O N T I N U E D				
-X90	D I S C O N T I N U E D				
-X91	D I S C O N T I N U E D				
-X92	D I S C O N T I N U E D				
-X93	D I S C O N T I N U E D				
-X94	D I S C O N T I N U E D				
-X95	D I S C O N T I N U E D				
-X96	D I S C O N T I N U E D				
-X97	D I S C O N T I N U E D				
-X98	D I S C O N T I N U E D				
-X99	D I S C O N T I N U E D				
87253-X00	D I S C O N T I N U E D				

FCIconnect.com
Copyright FCI

mat'l. code	surface ISO 1302	tolerance ISO 406 ISO 1101	projection
ltr / ecn no / dr / date	tolerances unless otherwise specified		
E	angles 0°±2°	linear .XX±.01/.3 .XXX±.005/.13 .XXXX±.0020/.051	INCH/MM scale 2:1
	dr M. CORNMAN 2/6/91		
	engr S. AURAND 2/6/91		
	chr S. AURAND 2/6/91		
	appd S. AURAND 2/6/91		
sheet index	revision sheet		

product family: HEADERS

title: VERTICAL 2 ROW GUIDE PIN (SLOTTED) HEADER W/SPECIAL RETENTION FEATURE

dwg no: 87253 | sheet 6 of 6 | size A3

type: Product Customer Drawing

form: A3