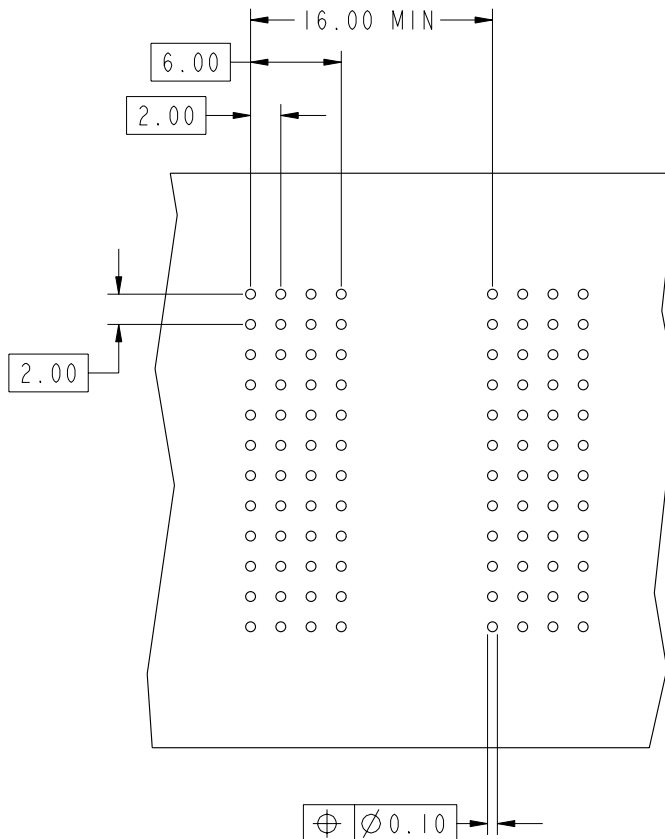


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KEY (SIGNAL PRESS-FIT)		
CODE	DIMENSIONS	
	DIM "A" MATE	DIM "B" TAIL
1	5.00	4.30
2	5.75	4.30
3	6.50	4.30
4	7.25	4.30
19	8.00	4.30

REQUIRED PC BOARD LAYOUT
COMPONENT SIDE
SEE PRINT 58351 FOR
ADDITIONAL PCB INFORMATION

mat'l code				tolerances unless otherwise specified		CUSTOMER		<div>FCi</div> <div>www.fciconnect.com</div>										
ltr	ecr no.	dr	date	linear	0. X ±0.3		COPY		<div>title</div> <div>METRAL SIGNAL HEADER 5 MOD, 4 ROW PRESS-FIT</div>									
P					0. XX ±0.13		projection											
					.XXX ±.051													
				angles	0° ±2°				<div>product family</div> <div>METRAL</div> <div>code</div> <div>213</div>									
				dr	T.BRUNGARD	11/19/99	<div>MM</div> <div>←→</div> <div>scale</div> <div>1 : 1</div>											
				enr	M.STRAWSE	11/19/99												
				chr	M.STRAWSE	11/19/99			<div>size</div> <div>A</div> <div>dwg no</div> <div>70452</div>									
				appd	M.STRAWSE	02/29/00	<div>sheet</div> <div>2</div>											
sheet index	revision sheet																	

cage code 22526

Pro/E

PDM: Rev:P

STATUS: Released Printed: May 16, 2009



A

B


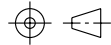

1 | 2

PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
70452-NIYYY	STANDARD	TIN LEAD	TELCORDIA CO (NXT)
70452-N5YYY	STANDARD	TIN LEAD	TECORDIA UE (NXT)
70452-1YYY	STANDARD	TIN LEAD	TELCORDIA CO
70452-2YYY	STANDARD	TIN LEAD	TELECOM CLASS
70452-3YYY	STANDARD	TIN LEAD	IEC CLASS I
70452-5YYY	STANDARD	TIN LEAD	TELCORDIA UE
70452-9YYY	STANDARD	TIN LEAD	TELCORDIA CO
70452-NIYYYLF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 10 AND 11
70452-N5YYYLF	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 10 AND 11
70452-1YYYLF	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS I, SEE NOTES 10 AND 11
70452-2YYYLF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 10 AND 11
70452-5YYYLF	LEAD FREE	TIN	TELCORDIA UE, SEE NOTES 10 AND 11

NOTES:

- FOR DIM A AND B SEE DWG. NO. 70451 SHTS 2 THRU 8
FOR DASH NUMBERS X010 THROUGH X099.
FOR DASH NOS. X300 AND UP, SEE SHT 3 FOR SELECT
LOAD NUMBERS.
- FOR DIM A, AND B SEE SHEET 2 AND UP.
- BODY MATERIAL: LIQUID CRYSTAL
POLYMER 30 % GLASS.
FLAME RETARDANT ACC. UL 94-V0.
- PIN MATERIAL
PHOSPHOR BRONZE:
- PLATING ON: PRESS-FIT AREA SEE PRODUCT NUMBER TABLE.
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE
LEVEL SHOWN IN TABLE ON SHEET3.
- PRODUCT MARKING:
PART NUMBER DESIGNATION & BATCH I.D.
- ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT
TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING
IS REQUIRED, SUFFIX "P" WILL BE ADDED TO THE END OF
THE PART NUMBER. EXAMPLE: XXXXX-XXXXP OR XXXXX-XXXXPLF
- PRODUCT SPECIFICATION:
GS-12-180
APPLICATION SPECIFICATION:
BUS-20-073
- AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- THE PRODUCTS WHERE THE PART NUMBERS ENDS IN
LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER
COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
- ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS
CONTAINING 70452-NI--- OR 70452-N5--- WILL WITHSTAND
EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A
CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN.
PART NUMBERS 70452-NI--- AND 70452-N5--- WILL NOT
WITHSTAND REFLOW AND THE Au CONTACT SURFACE
OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMUM 140
DEGREES C FOR NO LONGER THAN 15 SECONDS IN A
WAVE SOLDER APPLICATION.

A

mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecn no.	dr	date	linear	0.X ±0.3	COPY		title METRAL SIGNAL HEADER 5 MOD, 4 ROW PRESS-FIT	
P					0.XX ±0.13	projection			
					.XXX ±.051				
				angles	0° ±2°			product family METRAL code	
				dr	T.BRUNGARD 11/19/99	scale		size	dwg no
				engr	M.STRAWSER 11/19/99	1:1		A	70452
				chr	M.STRAWSER 11/19/99				
				appd	M.STRAWSER 02/29/00				
sheet index		revision sheet							

B

Pro/E

3 |

cage code 22526

4



METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
70452-X300 AND 70452-X300LF	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
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	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
70452-X301 AND 70452-X301LF	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	A	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3	3	3
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5								
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70452-X303 AND 70452-X303LF	D	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	C	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	B	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
70452-X304 AND 70452-X304LF	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
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	B	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
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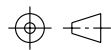

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	B	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	A	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5								
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70452-X306 AND 70452-X306LF	D	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	C	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5								
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
70452-X307 AND 70452-X307LF	D	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
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	B	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
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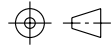

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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5								
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mat'l code				--		tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3		COPY			title	
P					0.XX ±0.13		projection			METRAL SIGNAL HEADER	
					.XXX ±.051					5 MOD, 4 ROW PRESS-FIT	
					0° ±2°						
				dr	T.BRUNGARD	11/19/99		product family		METRAL	code
				enr	M.STRAWSE	11/19/99		size		dwg no	213
				chr	M.STRAWSE	11/19/99		A		70452	sheet
				appd	M.STRAWSE	02/29/00		1:1		4	
sheet index		revision sheet									



METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5								
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70452-X310 AND 70452-X310LF	D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
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	C	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5								
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METRAL P/N	ROW	CONTACT CODE MOD. 1					MOD. 2					MOD. 3					MOD. 4					MOD. 5								
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mat'l code				tolerances unless otherwise specified		CUSTOMER		 www.fciconnect.com	
ltr	ecr no.	dr	date	linear	0.X ±0.3	projection		COPY	
P					0.XX ±0.13			title	
					.XXX ±.051			METRAL SIGNAL HEADER	
				angles	0° ±2°	MM		product family	
				dr	T.BRUNGARD	11/19/99		METRAL	
				enr	M.STRAWSE	11/19/99		code	
				chr	M.STRAWSE	11/19/99	scale	A	213
				appd	M.STRAWSE	02/29/00			
sheet	revision								
index	sheet								

Mouser Electronics

Authorized Distributor

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