



des tiers propietaire. . Reproduction ou communication a ce soit sans autorisation ecrite du reproduction FCI. ves. que forme of Droits Tous droits strictement rinterdite sous quelque fo Propriete de c FCI. Dr

O All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Capyright FCI.

Α

CONTACT CODE

mat 'I	code							ances u vise spe			CU	STOM	ER			4					
Itr	ecn	no.	dr	do	ite			0.X	±0.3]	COPY			F	CI		ww	w.fcic	onnect.	com
AD						linear		0.XX:	±0.13		projec	tion		title	МЕ	TDAL	SIG	MAI	HEAD	L D	
								. XXX :	±.051] d) c	1				4 RO				
						angles		0°	±2°		7	ケト	7		Z M	Ου,	4 110	W IN	LJJ		
						dr	T.BRU	JNGARD	1171	9/99		MM		produ	uct fan	nily		MET	RAL	code	
						engr	M.STF	RAWSER	1171	9/99	-	141141	•	size	dwg	no				2	I 3
						chr	M.STF	RAWSER	1171	9/99	scale			١,		7 (02:	२२		she	et
					appd	M.STF	RAWSER	02/2	9/00		<u> ; </u>		A		, ,	0 L \	, ,			3	
she	sheet revision																				
inc	index sheet																				
Pro/												3			cag	e code	2	252	26		4

PDM: Rev:AD

STATUS: Released

В

4

Α

Printed: Jun 28, 2005

В

1 2

1 | 2

MOD. 2

des tiers propietaire. . Reproduction ou communication a ce soit sans autorisation ecrite du reproduction FCI. ves. que forme of Droits Tous droits strictement rinterdite sous quelque for Propriete de c FCI. Dr

O All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Copyright FCI.

В

Α

P/N 2 3 4 5 6 7 8 9 10 11 12 ROW 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 70233-X25 В SEE NOTE II LEAD FREE Α OPTION CONTACT CODE MOD. 2 METRAL MOD P/N 1 2 3 4 5 6 7 8 9 10 11 12 6 6 6 6 6 6 6 6 6 6 6 6 D 70233-X26 SEE NOTE II LEAD FREE A | 6 | 6 | 6 | 6 | 6 |6|6|6|6|6|6|6 OPTION CONTACT CODE MOD. 2 METRAL MOD. P/N 1 2 3 4 5 6 7 8 9 10 11 12 С |6|6|6|6|6|6|6|6|6|6|6 70233-X27 SEE NOTE II В LEAD FREE OPTION CONTACT CODE MOD. 2 METRAL MOD P/N ROW 1 2 3 4 5 6 7 8 9 10 11 12 | 7 | 7 | 7 | 7 | 7 | 7 | 7 С 5 | 5 70233-X28 SEE NOTE II В LEAD FREE OPTION Α 5 5 5 5 5 CONTACT CODE MOD. 2 METRAL MOD. P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |8|8|8|8|8|8|8|8|8|8|8|8 С 70233-X29 B 8 8 8 8 8 8 8 8 8 8 8 8 8 8 SEE NOTE II LEAD FREE A 8 8 8 8 8 8 8 8 8 8 8 8 8 8 OPTION

CONTACT CODE

MOD

METRAL

1 | 2

MOD. 2

P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 D 9 9 9 9 9 9 9 9 9 9 9 9 |10|10|10|10|10|10|10|10|10|10|10|10 70233-X30 10 10 10 10 10 10 10 10 10 10 10 SEE NOTE II LEAD FREE OPTION CONTACT CODE MOD. 2 METRAL MOD. P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 C | 9 | 9 | 9 | 9 | 9 | 9 | 9 9 9 9 9 9 9 70233-X31 SEE NOTE | 1 9 9 9 9 9 9 B 9 9 9 9 LEAD FREE A | 9 | 9 | 9 | 9 | 9 | 9 9 9 9 9 9 9 OPTION CONTACT CODE MOD. 2 METRAL MOD. P/N 1 2 3 4 5 6 7 8 9 10 11 12 9 9 9 9 9 9 C | 9 | 9 | 9 | 9 | 9 | 9 | 9 9 9 9 9 9 9 70233-X32 SEE NOTE 11 B | 9 | 9 | 9 | 9 | 9 | 9 9 9 9 9 9 9 LEAD FREE OPTION CONTACT CODE MOD. 2 METRAL MOD. P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 9 10 11 12 rdadadadadadadadadadada 101010101010101010101010 70233-X33 SEE NOTE II LEAD FREE B 101010101010101010101010 իսիսիսիսիսիսիսիսիսիսիսի OPTION CONTACT CODE MOD. 2 MOD. METRAL P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 C 70233-X34 SEE NOTE 11 В 11 11 11 11 11 11 11 11 11 11 11 11 LEAD FREE A 12 12 12 12 12 12 12 12 12 12 12 12 12 OPTION

CONTACT CODE

MOD.

METRAL

MOD. 2

3

mat'l code tolerances unless A CUSTOMER otherwise specified FCI www.fciconnect.com ecn no. dr date 0.X ±0.3 COPY ΑD projection linear 0.XX ±0.13 METRAL SIGNAL HEADER .XXX ±.051 2 MOD, 4 ROW PRESS-FIT 0° ±2° angles METRAL T.BRUNGARD 11/19/99 code dr MM product family 213 M.STRAWSER 11/19/99 size engr dwg no M. STRAWSER 11/19/99 scale 70233 sheet chr M.STRAWSER 02/29/00 appd sheet revision index sheet

3

PDM: Rev:AD

STATUS: Released

4

В

Α

1 2

Pro/E

cage code

22526

Printed: Jun 28, 2005

des tiers propietaire. . Reproduction ou communication a ce soit sans autorisation ecrite du reproduction FCI. ves. que forme of Droits Tous droits strictement rinterdite sous quelque fo Propriete de c FCI. Dr

O All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Capyright FCI.

В

Α

ROW 1 2 3 4 5 6 7 8 9 10 11 12 13|13|13|13|13|13|13|13|13|13|13|13 С 3 3 3 3 3 3 3 3 3 3 3 3 70233-X43 SEE NOTE II B 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 LEAD FREE Α 3 3 3 3 3 3 3 3 OPTION CONTACT CODE MOD. 2 METRAL MOD. P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 2 2 3 3 3 3 3 3 3 3 3 3 3 3 3 С 70233-X44 SEE NOTE II LEAD FREE A 3 3 3 3 3 3 3 3 3 3 3 3 3

CONTACT CODE

CONTACT CODE

CONTACT CODE

CONTACT CODE

MOD

MOD.

MOD

MOD

ROW

D

С

В

D

ROW

D

С

В

METRAL

P/N

70233-X40

SEE NOTE II

LEAD FREE

OPTION

METRAL

P/N

70233-X41 SEE NOTE II

LEAD FREE

OPTION

METRAL

P/N

70233-X42 SEE NOTE II

LEAD FREE

OPTION

METRAL

P/N

OPTION

METRAL MOD. P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 D | | | | | | | | 2 2 2 2 2 2 2 2 2 70233-X45 В 3 3 3 3 3 3 3 3 3 3 3 3 SEE NOTE II LEAD FREE A | 4 | 4 | 4 | 4 | 4 | 4 4 4 4 4 4 4 OPTION CONTACT CODE MOD. 2 METRAL MOD. P/N ROW 1 2 3 4 5 6 7 8 9 10 11 12 D ||e||e||e||e||e||e||e||e||e||e|| C 3 3 3 3 3 3 3 3 3 3 3 3 3 3 70233-X46 B 3 3 3 3 3 3 3 3 3 3 SEE NOTE II 3 3 3 LEAD FREE A 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 OPTION CONTACT CODE MOD. 2 METRAL MOD. P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | D | 4 | 4 | 4 | 4 | 4 | 4 | 4 4 4 4 4 4 70233-X47 SEE NOTE II LEAD FREE OPTION CONTACT CODE MOD. 2 METRAL MOD. P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 70233-X48 SEE NOTE II LEAD FREE A 19 19 19 19 19 19 19 19 19 19 19 19 OPTION CONTACT CODE MOD. 2 METRAL MOD. P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 4 | 4 | 4 4 4 4 4 4 3 3 3 3 3 3 3 3 3 3 3 3 С 70233-X49 B 3 3 3 3 3 3 3 3 3 3 3 3 3 3 SEE NOTE II LEAD FREE A 3 3 3 3 3 3 3 3 3 3 3 3 3 3

CONTACT CODE

MOD. 2

3

											_										
mat 'I	code							inces u vise spe			CU	STOM	ER			4					
Itr	ecn	no.	dr	do	ite			0.X	±0.3		1	COPY			F	CI		ww	w.fcic	onnect.	.com
AD						linear		0.XX:	±0.13		projec	tion		title	МЕ	TDAL	SIG	MAI	UEAC	L D	
								.XXX:	±.051] d		1				4 RO				
						angles		0°	±2°		7	ケト	7		Z M	Ου,	4 110	W IN	LJJ		
					dr	T.BRU	JNGARD	1171	9/99		MM		produ	uct fan	nily		MET	RAL	code		
					engr	M.STF	RAWSER	1171	9/99	-	1 4 11 4 1	•	size	dwg	no				2	13	
						chr	M.STF	RAWSER	1171	9/99	scale			_		7 (02:	२२		she	et
					appd	M.STF	RAWSER	02/2	9/00		<u> </u>		<u> </u>		, ,	0 L \	, ,			5	
she	eet	revis	ion																		
inc	index sheet																				
Pro/					ro/E							3			cag	e code	2	252	26		4

PDM: Rev:AD

STATUS: Released

В

4

Α

1 2

1 | 2

MOD. 2

MOD. 2

MOD. 2

MOD. 2

1 2 3 4 5 6 7 8 9 10 11 12

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

4 4 4 4 4 4 4 4 4 4 4 4

1 2 3 4 5 6 7 8 9 10 11 12

B 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

A 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12

A 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

Printed: Jun 28, 2005

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du propietaire. Propriete de c FCI. Droits de reproduction FCI.

O All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Capyright FCI.

D 20202020202020202020202020 С 70233-X56 SEE NOTE II LEAD FREE OPTION В A 7 7 CONTACT CODE MOD. I MOD. 2 METRAL P/N 1 2 3 4 5 6 7 8 9 10 11 12 |8|8|8|8|8|8|8|8|8|8|8|8 C 8 8 8 8 8 8 8 8 8 8 8 8 8 8 70233-X57 SEE NOTE II LEAD FREE OPTION CONTACT CODE MOD. I MOD. 2 METRAL P/N ROW 1 2 3 4 5 6 7 8 9 10 11 12 20 20 20 20 20 20 20 20 20 20 20 20 70233-X58 SEE NOTE II LEAD FREE OPTION CONTACT CODE MOD. I MOD. 2 METRAL P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 С 70233-X59 SEE NOTE II 7 7 7 7 7 7 7 7 7 7 7 7 7 7 В LEAD FREE OPTION A 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7

CONTACT CODE

CONTACT CODE MOD. I

ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12

ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12

5 5 5 5 5 5 5 5 5 5 5 5 6 6 6 6 6 6 6 6 6

7 7 7 7 7 7 7 7 7 7 7 7 A 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8

MOD

METRAL

P/N

70233-X55 SEE NOTE II LEAD FREE

OPTION

METRAL P/N

В

P/N ROI	10 10 10 10 10 10 10 10	10 12 10 10 10 10 10 10	12 10 TAC MOD 3 10 10 10 12 TAC MOD 3	12 10 T (4 10 10 10	5 10 10 12	10 E 6 10 10	10 12 10 7 10	8 10 10 10	9 10 12 10 40D 9 10 10	10 10 10 10 10 12	10 12 10	10 12 10 10
TO233-X60 SEE NOTE I LEAD FREE OPTION	10 10 10 10 10 10 10 10 10 10 10 10 10 1	10 10 10 10 10 10 10 10 10 10 10 10 10 1	10 12 10 3 10 10 10 12 TAC MOD 3	10 12 10 T (4 10 10 10	10 12 10 00 5 10 10 12	10 12 10 E 6 10 10	10 12 10 7 10 10	10 12 10 8 10 10 10	10 12 10 40D 9 10 10	10 10 10 10	10 12 10 10 10	12 10 10
TO233-X60 SEE NOTE II B LEAD FREE OPTION ROI	12 10 10 10 10 10 12 12 12 12 13 14 15 16 16 16 16 16 16 16 16	12 10 10 10 10 10 12 2 9	12 10 TAC MOD 3 10 10 10 12 TAC MOD 3	12 10 T (4 10 10 10 12 T (4	10 00 5 10 10 10	12 10 E 6 10 10 12	7 10 10	12 10 8 10 10 10	10 40D 9 10 10	10 . 2 10 10 10	12 10 11 10 10	10
SEE NOTE I B LEAD FREE OPTION		10 CON 2 10 10 10 10 2 2 9	10 TAC MOD 3 10 10 12 TAC MOD 3 9	10 T (4 10 10 10 12 T (4	5 10 10 12	10 E 6 10 10	7 10 10	8 10 10 10	10 9 10 10	. <i></i> 10 10 10 10	10	10 10 10
METRAL P/N ROI	((((((((((2 10 10 10 12 CON 2 9	3 10 10 10 12 TAC 40D 3	T (4 10 10 10 12 T (4	5 10 10 12	E 6 10 10 12 E	7 10 10	8 10 10	9 10 10	. 2 10 10	11 10 10	10
P/N ROI		2 10 10 10 10 12 12 2 9	3 10 10 10 12 TAC MOD 3	4 10 10 10 12 T (5 10 10 12	6 10 10 12	10	8 10 10 12	9 10 10	10 10 10	11 10 10	⊢
ROI	10 10 10 12 12 12 12 9	10 10 10 10 12 2	10 10 12 TAC MOD 3	10 10 12 T (10 10 10	10 10 12 E	10	10 10 10	10 10 10	10	10	10
70233-X61 B LEAD FREE OPTION	10 12 12 W 1 9	10 10 12 CON 2	10 12 TAC MOD 3	10 12 T (10 12	10 12 E	10	10 10	10 10	10	10	10
TO233-X61 EAD FREE OPTION	1 () () () () () () () () () (10 12 2 0N 2	10 12 AC 40D 3	10 12 T (10 12	10 12 E	10	10	10	10	10	10
METRAL P/N ROI TO233-X62 SEE NOTE IL LEAD FREE OPTION ROI METRAL P/N ROI TO233-X62 SEE NOTE IL BAD FREE APPIN ROI TO233-X63 C	1 2 N 1 9	2 9	TAC MOD 3	T (12 OD	12 E		12	12			-
OPTION A METRAL P/N ROT 70233-X62 SEE NOTE II B LEAD FREE OPTION A METRAL P/N ROT 70233-X63 C	N I 9	2 9	TAC MOD 3	T (COD	E	12	_		12	12	12
P/N ROI 70233-X62 SEE NOTE B LEAD FREE A METRAL P/N ROI 70233-X63	N 1 9 9	2	3 9	4				1	100			
70233-X62 SEE NOTE 1 B LEAD FREE OPTION A METRAL P/N ROI 70233-X63	9	9	9	Ë	5	_			100	. 2	2	
70233-X62 SEE NOTE I B LEAD FREE OPTION METRAL P/N ROU 70233-X63	9	Ť	ř	٩		0	7	8	9	10	Ξ	12
70233-X62 SEE NOTE 11 LEAD FREE OPTION A METRAL P/N ROI 0 70233-X63	÷	9	_		9	9	9	9	9	9	9	9
SEE NOTE I B LEAD FREE OPTION A METRAL P/N RO 70233-X63	9		9	9	9	9	9	9	9	9	9	9
METRAL P/N ROI 70233-X63		9	9	9	9	9	9	9	9	9	9	9
P/N RO1 70233-X63	10	10	10	10	10	10	10	10	10	10	10	10
70233-X63	(ON	TAC		COD	E		N	4OD	. 2	?	
70233-X63	N I	2	3	4	5	6	7	8	9	10	П	12
70233-X63 —	15	15	۱5	۱5	۱5	۱5	15	15	۱5	15	15	۱5
	11	П	П	П	П	П	П	П	П	П	П	П
SÉÉ NOTÉ II B	11	П	П	П	П	П	П	П	П	П	П	П
OPTION A	Ш	П	ш	П	П	П	П	П	П	П	П	П
METRAL	T	ON	TAC			E		ı	4OD	. 7	2	_
P/N RO	VΓ	2	3	4	5	6	7	8	9	10	Ξ	12
D	10	10	10	10	10	10	10	10	10	10	10	10
70233-X64 C	11	П	П	П	П	П	П	П	П	П	П	П
SEE NOTE III B	12	12	12	12	12	12	12	12	12	12	12	12
LEAD FREE OPTION A			П		11		Ξ	П	Η	Ξ	Ξ	П

3													
METRAL		С		TAC MOD			E		N	MOD	. 7	2	
P/N	ROW	1	2	3	4	5	6	7	8	9	10	П	12
	D	9	9	9	9	9	9	9	9	9	9	9	9
70222-V65	С	10	10	10	10	10	10	10	10	10	10	10	10
70233-X65 SEE NOTE II LEAD FREE	В	Π	П	П	П	Ξ	П	П	Ξ	П	П	П	П
OPTION	A	12	12	12	12	12	12	12	12	12	12	12	12
METRAL		С		T A C			E		N	MOD	. 7	<u></u>	
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	21	21	21	21	21	21	21	21	21	21	21	21
70222 VCC	С	П	П	П	П	Η	П	П	Η	П	П	П	П
70233-X66 SEE NOTE II	В	Ξ	Ξ	П	Ξ	Ξ	П	П	Ξ	П	П	Ξ	П
LEAD FREE OPTION	A	Ξ	П	П	Ξ	Ξ	П	П	Ξ	П	П	Ξ	П
METRAL		С		TAC		COD	E		N	MOD	. 7		
P/N	ROW	1	2	3	4	5	6	7	8	9	10	П	12
	D	12	12	12	12	12	12	12	12	12	12	12	12
70233-X67	С	12	12	12	12	12	12	12	12	12	12	12	12
SEE NOTE II	В	۱5	15	15	۱5	۱5	۱5	۱5	۱5	۱5	15	15	۱5
LEAD FREE OPTION	A	۱5	15	۱5	۱5	۱5	۱5	۱5	۱5	۱5	15	۱5	۱5
METRAL		С		T A C		COD	E		M	MOD	. 7	2	
P/N	ROW	-	2	3	4	5	6	7	8	9	10	Ξ	12
	D	21	21	21	21	21	21	21	21	21	21	21	21
70233-X68	С	21	21	21	21	21	21	21	21	21	21	21	21
SEE NOTE II	В	21	21	21	21	21	21	21	21	21	21	21	21
OPTION	A	21	21	21	21	21	21	21	21	21	21	21	21
METRAL		С		T A C		COD	E		N	MOD	. 7	2	
P/N	ROW	_	2	3	4	5	6	7	8	9	10	П	12
	D	12	12	12	12	12	12	12	12	12	12	12	12
70233-X69	С	П	П	П	П	П	П	П	П	П	П	П	П
SEE NOTE II	В	П	П	П	П	Η	П	П	Η	П	П	Η	П
OPTION	A	П	П	П	П	П	П	П	П	П	П	П	П

mat 'I	code							inces u			CU	STOM	ER			<u>\</u>					
ltr	ecn	no.	dr	dat	e			0.X:	±0.3			COPY			F	CI		ww	w.fcic	onnect.	com
AD						linear		0.XX:	±0.13		projec	tion		title	МС	TDAI	SIG	MAI	TE VU	C D	
								.XXX :	±.051			7 ~	1				4 RO				
						angles		0° :	±2°		7		7		2 14	ου,	7 110		L 00		
						dr					MM		produ	ct fam	nily		MET	RAL	code		
						engr	engr M.STRAWSER 1 19/99			-	1 4 11 4 1	-	size	dwg	no				2	13	
						chr	M.STR	AWSER	11/1	9/99	scale					7 (023	3 3		she	et
						appd M.STRAWSER 02/29/00				1:1		A		, ,	JL))		(5		
she	eet	revisi	ion		dppe memmes to the																
ind	lex	sheet																			
	Pro/E										3			cag	e code	2	252	9		4	

PDM: Rev:AD

STATUS:Released

Printed: Jun 28, 2005

В

Α

В

1 2

1|2

MOD. 2

MOD. 2

des tiers propietaire. . Reproduction ou communication a ce soit sans autorisation ecrite du reproduction FCI. ves. que forme of Droits Tous droits strictement rinterdite sous quelque fo Propriete de c FCI. Dr

O All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Capyright FCI.

В

P/N ROW 1 2 3 4 5 6 7 8 9 10 11 12 Α 2 2 2 2 С 3 3 3 3 3 3 3 3 3 3 3 3 3 3 70233-X73 SEE NOTE II B 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 LEAD FREE OPTION Α 3 3 3 3 3 3 3 3 3 CONTACT CODE MOD. 2 METRAL MOD. P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 2 2 С 70233-X74 B 3 3 3 3 3 3 3 3 3 3 3 3 3 SEE NOTE II LEAD FREE A 3 3 3 3 3 3 3 3 3 3 3 3 3 OPTION

METRAL MOD. P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 D 2 70233-X75 SEE NOTE II LEAD FREE A 3 3 3 3 3 3 3 3 3 3 3 3 3 3 OPTION CONTACT CODE MOD. 2 METRAL MOD. P/N ROW 1 2 3 4 5 6 7 8 9 10 11 12 D ||e||e||e||e||e||e||e||e||e||e|| C. 70233-X76 SEE NOTE I В LEAD FREE OPTION CONTACT CODE MOD. 2 METRAL MOD. P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | D 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 C 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 70233-X77 SEE NOTE II B |19|19|19|19|19|19|19|19|19|19|19 LEAD FREE A 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 OPTION CONTACT CODE MOD. 2 METRAL MOD. P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 8 9 10 11 12 С 70233-<u>x</u>78 B 3 3 3 3 3 3 3 3 3 3 3 3 3 3 SEE NOTE II LEAD FREE Α OPTION CONTACT CODE MOD. 2 METRAL MOD. P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 3 3 3 3 3 3 3 2 2 2 2 2 2 2 С 2 2 70233-X79 SEE NOTE II LEAD FREE OPTION

CONTACT CODE

MOD. 2

3

mat 'I	code							inces u			CU	STOM	ER			4					
Itr	ecn	no.	dr	do	ite			0.X	±0.3		1	COPY			F	CI		ww	w.fcic	onnect.	.com
AD						linear		0.XX:	±0.13		projec	tion		title	МЕ	TDAI	SIG	MAI	UE A C	ED	
								.XXX	±.051			7 ~	1				4 RO				
						angles		0° :	±2°		7	ケト	\supset		2 19	ου,	4 110		123		
						dr	T.BRU	JNGARD	11/1	9/99		MM		produ	uct fam	nily		MET	RAL	code	
						engr	M.STF	RAWSER	11/1	9/99	-	141141	-	size	dwg	no				2	13
						chr	M.STF	RAWSER	11/1	9/99	scale					7 (023	3 3		she	et
			 			M.STF	RAWSER	02/2	9/00		1:1		A		, ,	U L				7	
she	eet revision																				
inc	index sheet																				
Pro/					ro/E							3			cag	e code	2	252	26	,	4

STATUS: Released

Printed: Jun 28, 2005

В

4

Α

PDM: Rev:AD

1 2

1 | 2

MOD. 2

MOD. 2

| 3 | 3 | 3 | 3 | 3 | 3 | 3

MOD. 2

MOD. 2

1 2 3 4 5 6 7 8 9 10 11 12

2 2 2 2 2 2 2 2 2

4 4 4 4 4 4 4 4 4 4 4 4

2 2 2 2 2 2 2 2 2 2 2 2 2

1 2 3 4 5 6 7 8 9 10 11 12

1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12

2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2

C 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

CONTACT CODE

CONTACT CODE

MOD

A 3 3 3 3 3 3

CONTACT CODE

CONTACT CODE

MOD

MOD.

MOD

ROW

D

С

В

D

В

ROW

В

METRAL

P/N

70233-X70 SEE NOTE II

LEAD FREE

OPTION

METRAL

P/N

70233-X71

SEE NOTE II

LEAD FREE

OPTION

METRAL

P/N

70233-X72 SEE NOTE II

LEAD FREE

OPTION

METRAL

Tous droits strictement reserves. Reproduction ou communication a des tiers interdite sous quelque forme que ce soit sans autorisation ecrite du propietaire. Propriete de c FC1. Droits de reproduction FC1.

O All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor. Property of FCI. Capyright FCI.

В

CONTACT CODE

ROW | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12

6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6

6 6 6 6 6 6 6 6 6 6 6

ROW | 2 3 4 5 6 7 8 9 10 11 12 D 20 20 20 20 20 20 20 20 20 20 20 20 20 C 5 5 5 5 5 5 5 5 5 5 5 5 5 5

B 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 A 20202020202020202020202020

MOD

A 7 7 7 7 7

CONTACT CODE MOD. I

METRAL

P/N

70233-X85 SEE NOTE II LEAD FREE

OPTION

METRAL P/N

70233-X86 SEE NOTE II LEAD FREE

OPTION

В

1|2

ı | 2

MOD. 2

MOD. 2

P/N 70233-X90	ROW	1			. 1	ı						-	
70233-x90		'	2	3	4	5	6	7	8	9	10	П	12
70233-X90	D	12	12	12	12	12	12	12	12	12	12	12	12
10233-190	С	10	10	10	10	10	10	10	10	10	10	10	10
SEE NOTE II	В	10	10	10	10	10	10	10	10	10	10	10	10
LEAD FREE OPTION	A	10	10	10	10	10	10	10	10	10	10	10	10
METRAL		С	ON I	TAC MOD		COD	E		١	4OD	. 2	?	
P/N	ROW	Ι	2	3	4	5	6	7	8	9	10	П	12
	D	П	11	П	П	11	П	П	П	П	П	П	П
70233-X91	С	П	П	Η	Н	П	Ξ	П	П	Ξ	Π	П	Π
SEE NOTE II	В	9	9	9	9	9	9	9	9	9	9	9	9
OPTION	A	П	11	П	П	11	П	П	П	П	П	П	П
METRAL		С	ON:	TAC MOD		COD	E		١	4OD	. 2	?	
P/N	ROW	ı	2	3	4	5	6	7	8	9	10	П	12
	D	10	10	10	10	10	10	10	10	10	10	10	10
70233-X92	С	12	12	12	12	12	12	12	12	12	12	12	12
SEE NOTE II	В	12	12	12	12	12	12	12	12	12	12	12	12
OPTION	A	21	21	21	21	21	21	21	21	21	21	21	21
METRAL		С		JAC JOD		COD	E		١	4OD	. 2	2	
P/N	ROW	_	2	3	4	5	6	7	8	9	10	П	12
	D	10	10	10	10	10	10	10	10	10	10	10	10
70233-X93	С	П	П	П	П	П	П	П	П	П	П	П	П
SEE NOTE II	В	10	10	10	10	10	10	10	10	10	10	10	10
OPTION	A	П	П	П	П	П	П	П	П	П	П	П	П
METRAL		С		TAC MOD		COD	E		1	4OD	. 2	?	
P/N	ROW	_	2	3	4	5	6	7	8	9	10	П	12
	D	10	10	10	10	10	10	10	10	10	10	10	10
70233-X94	С	П	П	П	П	П	П	П	П	П	П	П	П
SEE NOTE II	В	П	П	П	П	П	П	Π	П	П	Ξ	П	П
OPTION	A	П	П	П	П	П	П	П	П	П	П	П	П

3													
METRAL		С		TAC 10D		COD	E		N	4OD	. 7	2	
P/N	ROW	-	2	3	4	5	6	7	8	9	10	Ξ	12
	D	10	10	10	10	10	10	10	10	10	10	10	10
70233-X95	С	10	10	10	10	10	10	10	10	10	10	10	10
SEE NOTE II	В	10	10	10	10	10	10	10	10	10	10	10	10
LEAD FREE OPTION	A	П	П	П	П	П	П	П	П	П	11	П	П
METRAL		С		TAC MOD		COD	Ε		N	4OD	. 7	2	
P/N	ROW	1	2	3	4	5	6	7	8	9	10	П	12
	D	21	21	21	21	21	21	21	21	21	21	21	21
70233-X96	С	9	9	9	9	9	9	9	9	9	9	9	9
SEE NOTE II LEAD FREE	В	9	9	9	9	9	9	9	9	9	9	9	9
OPTION	A	21	21	21	21	21	21	21	21	21	21	21	21
METRAL		С		TAC IOD		COD	Ε		N	1OD	. 7	?	
P/N	ROW	-	2	3	4	5	6	7	8	9	10	Η	12
	D	10	10	10	10	10	10	10	10	10	10	10	10
70233-X97	С	П	П	П	П	П	П	П	П	П	П	П	П
SEE NOTE II LEAD FREE	В	21	21	21	21	21	21	21	21	21	21	21	21
OPTION	A	П	П	П	П	П	П	П	П	П	П	П	П
METRAL		С		AC 10D		COD	Ε		N	1OD	. 7	2	
P/N	ROW	_	2	3	4	5	6	7	8	9	10	П	12
	D	9	9	9	9	9	9	9	9	9	9	9	9
70233-X98	С	9	9	9	9	9	9	9	9	9	9	9	9
SEE NOTE II LEAD FREE	В	Η	Ξ	П	П	Ξ	П	П		П	11	Ξ	Π
OPTION	A	9	9	9	9	9	9	9	9	9	9	9	9
METRAL P/N		С		AC 10D		COD	Ε						
F/N	ROW	_	2	3	4	5	6	7	8	9	10	П	12
	D	П	П	П	П	П	П	П	П	П	11	П	П
70233-X99	С	10	10	10	10	10	10	10	10	10	10	10	10
SEE NOTE II LEAD FREE	В	10	10	10	10	10		10	10	10	10	10	10
OPTION	A	10	10	10	10	10	10	10	10	10	10	10	10

mat 'I	code							inces u			CU	STOM	ER			4					
ltr	ecn	no.	dr	do	ite			0.X	±0.3		1	COPY			F	CI		ww	w.fcic	onnect.	com
AD						linear		0.XX	±0.13		projec	tion		title	МЕ	TDAL	SIG	MAI	UEAC	C D	
								. X X X	±.051			7 ~	1				4 RO				
						angles		0°	±2°		7	ケト	\supset		2 14	ου,	4 110		123		
				dr			T.BRU	INGARD	11/1	9/99		MM		produ	ict fam	nily		MET	RAL	code	
					engr	M.STR	AWSER	11/1	9/99	-	141141	-	size	dwg	no				2	13	
						chr	M.STR	AWSER	11/1	9/99	scale					7 (023	3 3		she	et
						appd M.STRAWSER 02/29/00					1:1		A		, ,	U L			8	3	
sh	eet	revis	ion			Spps															
ind	ndex sheet																				
Pro/					o/E							3			cag	e code	2	252	26		4

PDM: Rev:AD

status:Released

Printed: Jun 28, 2005

В

Α

PLATING IN CONTACT AREA

NOTES

SEE NOTE 9

_

SEE NOTE 10

PERFORMANCE LEVEL

TELCORDIA CO

TELCORDIA CO (NXT)

TELCORDIA UE (NXT)

TELCORDIA CO

TELECOM CLASS

IEC CLASS I

TELCORDIA UE

TELCORDIA CO

TELCORDIA CO (NXT)

IEC CLASS I

TELCORDIA UE (NXT)

TELCORDIA CO

IEC CLASS I

TELECOM CLASS

TELCORDIA UE

DASH NUMBER

- A Y Y

-NIYY

-N5YY

- I Y Y

-2YY

- 3 Y Y

- 5 Y Y

-9YY

-NIYYLF

-N5YYLF

- IYYLF

-2YYLF

-5YYLF

Α

PRODUCT NUMBER 70233-XYY

70233-XYYLF

NOTES:

- I. FOR DIM A AND B SEE SHEET 2 AND UP.
- 2. BODY MATERIAL: LIQUID CRYSTAL

POLYMER 30 % GLASS.

FLAME RETARDANT ACC. UL 94-VO.

- 3. PIN MATERIAL:
- PHOSPHOR BRONZE.
- PLATING ON PRESS-FIT TAIL: 55422 -XYY IS SnPb 55422-XYYLF IS SN (LEAD FREE) PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.
- 5. PRODUCT MARKING:

PART NUMBER DESIGNATION & BATCH I.D.

- 6. ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT TABLES WILL BE PACKAGED IN TUBES. IF TRAY PACKAGING IS REQUIRED, A SUFFIX "P" WILL BE ADDED TO THE END OF THE PART NUMBER. EXAMPLE: XXXXX-XXXP OR XXXXX-XXXPLF
- 7. PRODUCT SPECIFICATION GS-12-180 APPLICATION SPECIFICATION BUS-20-073
- (8) AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- (9) -A PLATING HAS AU FLASH IN PRESS FIT AREA (LEAD FREE).
- THE PRODUCTS WHERE THE PART NUMBER ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-22-008.

ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING (DRAWING NO.)-NI--- OR (DRAWING NO.)-N5---WILL WITHSTAND EXPOSURE TO 260°C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS (DRAWING NO.)-NI---AND (DRAWINGS NO.)-N5---WILL NOT WITHSTAND REFLOW AND AU CONTACT SURFACE OF THE CONTACTS SHALL BE EXPOSED TO A MAXIMIM NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATIO

FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX. EXAMPLE: 70233-X01LF

M 140 ON.)°C F	OR																			
mat 'I	code							inces u			CU	STOM	ER			\					
Itr	ecn	no.	dr	do	ite			0.X	±0.3			COPY			F	CI		ww	w.fcic	onnect.	com
AD						linear		0.XX:	±0.13		projec	tion		title	AF TE	ΔΙ	216	NΔI	HE	ADEF	·
								.XXX	±.051			7 ~	1								
						angles		0°	±2°		7	ケト	7		MUL	, 4	RU	WP	KE 9	S - F	1 1
						dr	T.BRU	JNGARD	1171	9/99		MM		produ	ict fam	nily		MET	RAL	code	
						engr	M.STR	RAWSER	1171	9/99	•	1 4 11 4 1	•	size	dwg	no				2	l 3
						chr	M.STR	RAWSER	1171	9/99	scale			_ ^		7 (ງ2:	3 3		she	et
						appd	M.STR	RAWSER	02/2	9/00		1:1		Α		, ,	JL			9	9
she	sheet revision		on																		
inc	index sheet																				
															000	o code					

Pro/E

3 |

22526

В

Tous droits strictement interdite sous quelque fo Propriete de c FCI. Dr

Α

All rights strictly reserved. Reproduction or issue to third parties in any form whatever is not permitted without written authority from the proprietor Property of FC1. Capyright FC1.

В

1 2

PDM: Rev:AD

STATUS: Released

Printed: Jun 28, 2005