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CONTAC METRAL MOD P/N 1 2 3 ROW 3 3 3 70232-XI3 D 2 2 2 С SEE NOTE II LEAD FREE B 2 2 2 OPTION 3 3 3 Α

T CODE			METRAL		С	T (COD		
4	5	6	P/N	ROW	ı	2	3	4	5
3	3	3	70232-X17	D	3	3	3	3	3
2	2	2	SEE NOTE II	С	2	2	2	2	2
2	2	2	LEAD FREE OPTION	В	2	2	2	2	2
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METRAL

P/N

70232-X14

SEE NOTE II LEAD FREE

OPTION

METRAL

P/N

70232-X15

SEE NOTE I

LEAD FREE

OPTION

METRAL

P/N

70232-X16

SEE NOTE II LEAD FREE OPTION

CONTACT CODE

1 2 3 4 5 6

4 4 4 4 4 4

3 3 3 3 3 3

4 4 4 4 4 4 4

CONTACT CODE

MOD. I

3 3 3 3 3 3 3

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3 3 3 3 3 3 3

3 3 3 3 3 3

CONTACT CODE

MOD. I

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2 2 2 2 2 2 2

2 2 2 2 2 2

ROW | 1 | 2 | 3 | 4 | 5 | 6

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ROW | 1 | 2 | 3 | 4 | 5 | 6

B 3 3 3 3 3 3

MOD.

CONTACT CODE

1 2 3 4 5 6

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CONTACT CODE

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CONTACT CODE

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MOD.

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ROW

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В

METRAL

P/N

70232-X10

SEE NOTE II

LEAD FREE OPTION

METRAL

P/N

70232-XII

SEE NOTE II LEAD FREE OPTION

METRAL

P/N

70232-X12

SEE NOTE II

LEAD FREE

OPTION

METRAL		С	ON1	AOD		COD	E
P/N	ROW	ı	2	3	4	5	6
70232-X17	D	3	3	3	3	3	3
SEE NOTE II	С	2	2	2	2	2	2
LEAD FREE OPTION	В	2	2	2	2	4 5 1 3 3 2 2 2 1	2
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	METRAL		С	ON.	T A C	
	P/N	ROW	Τ	2	3	4
	70232-X21	D	5	5	5	4,
	SEE NOTE II	С	5	5	5	5
	LEAD FREE OPTION	В	5	5	5	,
	OFITON	A	5	5	5	5

		С	ON.	TAC	Τ (COD	E		
METRAL P/N			MOD. I						
F7N	ROW	1	2	3	4	5	6		
70232-X21	D	5	5	5	5	5	5		
SEE NOTE II	С	5	5	5	5	5	5		
LEAD FREE	В	5	5	5	5	5	5		
OFITON	Α	5	5	5	5	5	5		

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CONTACT CODE

MOD. I

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CONTACT CODE MOD. I

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CONTACT CODE

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MOD.

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ROW | 1 | 2 | 3 | 4 | 5 | 6

METRAL

P/N

70232-X18

SEE NOTE II

LEAD FREE

OPTION

METRAL

P/N

70232-X19

SEE NOTE I LEAD FREE

OPTION

METRAL

P/N

70232-X20

SEE NOTE

LEAD FREE

OPTION

ROW

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	A	8	8	8	8	8	8
METRAL		С		T A C MOD		COD	E
P/N	ROW	\vdash	3	4	5	6	
70232-X25	D	7	7	7	7	7	7
SEE NOTE II	С	7	7	7	7	7	7
LEAD FREE OPTION	В	7	7	7	7	7	E
01 1101	A	7	7	7	7	7	7

OPTION	A	8	8	8	8	8	8
METRAL		C	ON	TAC		COD	E
P/N	ROW	ı	2	3	4	5	6
70232-X25	D	7	7	7	7	7	7
SEE NOTE II	С	7	7	7	7	7	7
LEAD FREE	В	7	7	7	7	7	7

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ROW

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METRAL

P/N

70232-X22

SEE NOTE I

LEAD FREE

OPTION

METRAL

P/N

70232-X23

SEE NOTE I

LEAD FREE

OPTION

METRAL

P/N

70232-X24

SEE NOTE II

LEAD FREE

CONTACT CODE

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5 5 5 5 5 5

5 5 5 5 5 5

5 5 5 5 5 5

CONTACT CODE

MOD. I

7 7 7 7 7 7

6 6 6 6 6 6 6

CONTACT CODE

MOD. I

8 8 8 8 8 8

ROW 1 2 3 4 5 6

C 7 7 7 7 7 7

B | 7 | 7 | 7 | 7 | 7

B | 6 | 6 | 6 | 6 | 6

A 7 7 7 7 7 7

ROW | 2 | 3 | 4 | 5 | 6

MOD.

METRAL		T (CODE				
P/N	ROW	Ι	2	3	4	5	4
70232-X27	D	7	7	7	7	7	
SEE NOTE II	С	6	6	6	6	6	•
LEAD FREE OPTION	В	6	6	6	6	6	•
	A	5	5	5	5	5	
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ROW

METRAL

P/N

70232-X26

SEE NOTE II LEAD FREE OPTION

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CONTACT CODE

MOD. I

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P/N	ROW	Т	2	3	4		6			
70232-X28	D	7	7	7	7	7	7			
SEE NOTE II	С	5	5	5	5	5	5			
LEAD FREE	В	5	5	5	5	5	5			

	CONTACT COD MOD. I								
ROW	Τ	2		5	6				
D	7	7	7	7	7	7			
C	5	5	5	5	5	5			
	5	5	5	5	5	5			
A	5	5	5	5	5	5			
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METRAL		С		AC OD	T (COD	E
P/N	ROW	1	2	3	4	5	6
70232-X29	D	8	8	8	8	8	8
SEE NOTE II	С	8	8	8	8	8	8
LEAD FREE OPTION	В	8	8	8	8	8	8
OTTON	A	8	8	8	8	8	8

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CONTACT CODE METRAL MOD. P/N 1 2 3 4 5 6 ROW nhahahaha 70232-X37 D 10|10|10|10|10 SEE NOTE I 10 10 10 10 10 10 LEAD FREE В OPTION 9 9 9 9 9 9

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ROW

В

METRAL

P/N

70232-X34

SEE NOTE II

LEAD FREE

OPTION

METRAL

P/N

70232-X35

SEE NOTE I

LEAD FREE OPTION

METRAL

P/N

70232-X36

SEE NOTE I

LEAD FREE

OPTION

CONTACT CODE

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12 12 12 12 12 12

CONTACT CODE

MOD. I

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CONTACT CODE

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MOD.

ROW | 1 | 2 | 3 | 4 | 5 | 6

3 4 5 6

MOD.

CONTACT CODE

1 2 3 4 5 6

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10|10|10|10|10

10|10|10|10|10|10

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CONTACT CODE

1 2 3 4 5 6

MOD.

D 9 9 9 9 9 9

C | 9 | 9 | 9 | 9 | 9

B | 9 | 9 | 9 | 9 | 9

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CONTACT CODE

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MOD.

ROW | 1 | 2 | 3 | 4 | 5 | 6

C | 9 | 9 | 9 | 9 | 9 | 9

B | 9 | 9 | 9 | 9 | 9

MOD.

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METRAL

P/N

70232-X30

SEE NOTE I

LEAD FREE

OPTION

METRAL

70232-X31

SEE NOTE II

LEAD FREE OPTION

METRAL

P/N

70232-X32

SEE NOTE II

LEAD FREE

OPTION

METRAL MOD. P/N ROW 70232-X41 SEE NOTE I LEAD FREE OPTION Α

CONTACT CODE 2 3 4 5 6 2 2 2 2 2 2 2 2 2 2 2 2 B 2 2 2 2 2 2 2 4 4 4 4 4 4

CONTACT CODE

1 2 3 4 5 6

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CONTACT CODE

MOD. I

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CONTACT CODE

MOD. I

1 2 3 4 5 6

2 2 2 2 2 2 2

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MOD.

METRAL

P/N

70232-X38

SEE NOTE I

LEAD FREE

OPTION

METRAL

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70232-X39

SEE NOTE I

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70232-X40

SEE NOTE I

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METRAL MOD. P/N 70232-X45 D SEE NOTE II LEAD FREE OPTION 4 4 4 4 4 4 Α

CONTACT CODE ROW | 1 | 2 | 3 | 4 | 5 | 6 C 2 2 2 2 2 2 2 B 3 3 3 3 3 3

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METRAL

P/N

70232-X42

SEE NOTE I

LEAD FREE

OPTION

METRAL

P/N

70232-X43

SEE NOTE I

LEAD FREE

OPTION

METRAL

P/N

70232-X44

SEE NOTE II LEAD FREE

OPTION

CONTACT CODE

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CONTACT CODE

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ROW 1 2 3 4 5 6

D | 13 | 13 | 13 | 13 | 13

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CONTACT CODE

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ROW | 1 | 2 | 3 | 4 | 5 | 6

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B 4 4 4 4 4 4 4 4

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	P/N	ROW	Т	2	3	4	5	6
7	0232-X47	D	4	4	4	4	4	4
SE	SEE NOTE II LEAD FREE	С	4	4	4	4	4	4
L	EAD FREE OPTION	В	۱3	13	13	۱3	13	13
		A	۱3	۱3	۱3	۱3	۱3	13
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CONTACT CODE

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CONTACT CODE

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A 3 3 3 3 3 3 3

2 3 4 5 6

METRAL		С		TAC MOD		COD	Ε
P/N	ROW	Τ	2	3	4	5	6
70232-X48	D	۱9	19	19	۱9	19	19
SEE NOTE II	С	۱9	19	۱9	۱9	19	19
LEAD FREE OPTION	В	۱9	19	۱9	۱9	19	19
OFFICE	A	۱9	19	۱9	۱9	۱9	19

METRAL		С		TAC MOD		COD	Ε
P/N	ROW	-	2	3	4	5	6
70232-X49	D	4	4	4	4	4	4
SEE NOTE II	С	3	3	3	3	3	3
LEAD FREE OPTION	В	3	3	3	3	3	3
	A	3	3	3	3	3	3

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CONTACT CODE METRAL MOD. P/N 1 2 3 4 5 6 |14|14|14|14|14|14 70232-X53 D 7 7 7 7 7 7 С SEE NOTE II LEAD FREE OPTION В | 7 | 7 | 7 | 7 | 7 | 7 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. 7 7 7 7 7 7 Α

METRAL

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70232-X50

SEE NOTE II

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SEE NOTE I LEAD FREE

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CONTACT CODE METRAL MOD. P/N 1 2 3 4 5 6 ROW 8 8 8 8 8 8 70232-X57 8 8 8 8 8 8 C SEE NOTE II LEAD FREE В OPTION Α

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METRAL

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70232-X54

SEE NOTE II

LEAD FREE OPTION

METRAL

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70232-X55

SEE NOTE II LEAD FREE OPTION

METRAL

P/N

70232-X56

SEE NOTE II

LEAD FREE

OPTION

CONTACT CODE

1 2 3 4 5 6

6 6 6 6 6 6

7 7 7 7 7 7

8 8 8 8 8 8

7 7 7 7 7 7

CONTACT CODE

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CC METRAL P/N ROW 70232-X61 D С 10 SEE NOTE I LEAD FREE В 10 1414141414 OPTION A 12

CONTACT CODE METRAL MOD. P/N 1 2 3 4 5 6 ROW 8 8 8 8 8 8 D 70232-X59 С SEE NOTE I В 7 | 7 | 7 | 7 | 7 | 7 LEAD FREE OPTION Α 7 | 7 | 7 | 7 | 7

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METRAL

P/N

70232-X58

SEE NOTE II LEAD FREE OPTION

CONTACT CODE

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MOD.

METRAL		С		OA1		COD	E
P/N	ROW	1	2	3	4	5	6
70232-X60	D	10	10	10	10	10	10
SEE NOTE II	С	10	10	10	10	10	10
LEAD FREE OPTION	В	12	12	12	12	12	12
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2	3	4	5	6
۱0	10	10	10	10
١0	10	10	10	10
١0	10	10	10	10
12	12	12	12	12

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METRAL		С		T A C		COD	E
P/N	ROW	ī	2	3	4	5	6
70232-X65	D	9	9	9	9	9	9
SEE NOTE II	С	10	10	10	10	10	10
LEAD FREE OPTION	В	П	П	П	П	П	П

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CONTACT CODE

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MOD.

ROW | 2 3 4 5 6

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ROW | 1 | 2 | 3 | 4 | 5 | 6

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METRAL

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70232-X62

SEE NOTE I

LEAD FREE OPTION

METRAL

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70232-X63

SEE NOTE I

LEAD FREE

OPTION

METRAL

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70232-X64

SEE NOTE

OPTION

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С		TAC 100	T (COD	E	METRAL		С		TAC MOD	T (OD I	E
I	2	3	4	5	6	P/N	ROW	Ι	2	3	4	5	6
9	9	9	9	9	9	70232-X66	D	21	21	21	21	21	21
9	9	9	9	9	9	SEE NOTE II	С	П	П	П	Ξ	П	П
9	9	9	9	9	9	LEAD FREE OPTION	В	П	П	П	Ξ	Ξ	П
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METRAL		С		TAC 10D	T (OD	Ε
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70232-X67	D	12	12	12	12	12	١2
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SEE NOTE II LEAD FREE	В	15	۱5	15	15	۱5	۱5
OPTION	A	15	15	۱5	۱5	15	۱5

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P/N	ROW	ı	2	3	4	5	6
70232-X68	D	21	21	21	21	21	21
SEE NOTE II	С	21	21	21	21	21	21
LEAD FREE	В	21	21	21	21	21	21
OPTION	A	21	21	21	21	21	21

METRAL		С		JA7 JOD		COD	E
P/N	ROW	ī	2	3	4	5	6
70232-X69	D	12	12	12	12	12	12
SEE NOTE II	С	П	11	П	П	П	П
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CONTACT CODE METRAL MOD. P/N ROW | 1 | 2 | 3 | 4 | 5 | 6 2 2 2 2 70232-X73 D 2 | 2 SEE NOTE II LEAD FREE B 2 2 2 2 2 2 2 OPTION A 3 3 3 3 3 3

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CONTACT CODE

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70232-X70

LEAD FREE

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70232-X71

SEE NOTE II

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70232-X72

SEE NOTE II

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SEE NOTE

CONTACT CODE METRAL MOD. P/N 1 2 3 4 5 6 ROW 2 2 2 2 2 2 70232-X77 D 3 3 3 3 3 3 С SEE NOTE I LEAD FREE OPTION A

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METRAL

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70232-X74

SEE NOTE II

LEAD FREE

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70232-X75

SEE NOTE I

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P/N

70232-X76

SEE NOTE I

OPTION

CONTACT CODE

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METRAL

P/N

70232-X82

SEE NOTE II

OPTION

METRAL

P/N

70232-X83

SEE NOTE I

LEAD FREE

OPTION

METRAL

P/N

70232-X84

SEE NOTE II

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CONTACT CODE

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70232-X86

SEE NOTE II

OPTION

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PDM: Rev:AK

STATUS: Released

Printed: Feb 09, 2006

PRODUCT NUMBER 70232-XYY 70232-XYYLF

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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: 70232 -XYY IS SnPb 70232-XYYLF IS SN (LEAD FREE) PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE.

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.

-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.

FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX. EXAMPLE: 70232-X01LF

12. 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 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

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