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	METRAL ROW   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24	METRAL ROW   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24	
	E	E 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
	METRAL P/N ROW I 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24  E 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	METRAL P/N ROW	
	SEE NOTE 10 B 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	SEE NOTE 10   B   1   1   1   1   1   1   1   1   1	
	METRAL P / N ROW   1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24   24   24   24   24   24	METRAL P/N ROW   2   2   2   2   2   2   2   2   2	
А	D   3   3   3   3   3   3   3   3   3	89008-X16	А
<b>元</b> 》	METRAL P/N   CONTACT CODE   MOD. 2   MOD. 3   MOD. 4   MOD. 4   MOD. 1   MOD. 3   MOD. 4   MOD. 4   MOD. 4   MOD. 1   MOD. 1   MOD. 4   MO	METRAL P/N ROW I 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
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	METRAL P/N 89008-X20	ROW I E 5 D 5	5 5 5 5		MOD.  8 9 10  5 5 5  5 5 5	0 11 12	5 5 5 5 5 5		5 5 5	22 23 24					METI P/ 89008	N	ROW E D	1 2	ACT COMOD. 1 3 4 : 8 8 8 8	5 6 · 8 8 8 7 7 7 ·	7 8 9 8 8 8 7 7 7	0. 2 10 11 8 8 7 7 8 8	8 8	MOD.  14 15 16  8 8 8  7 7 7  8 8 8 8	6   17   18   8   8	8 19 20 8 8 7 7	10D. 4 21 22 23 8 8 8 7 7 7 7 8 8 8 8	_	
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А	89008-X21 SEE NOTE 10 LEAD FREE OPTION	D 7 C 7 B 7 A 7	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7 7 7	7 7 7 7 7 7 7 7 7 7 7 7		7 7 7 7 7 7 7 7 7 7 7 7					89008 SEE NO LEAD OPT	TE I	D C B A	5 5 5 5 5 5 7 7	5 5 5 5 5 5 7 7	5 5 5	5 5 5	5 5 5 5 5 5 7 7	5 5	5 5 5 5 5 5 7 7 7 7	5 5	5 5 5 5		5 5 5 7	
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T.	89008-X22 SEE NOTE 10 LEAD FREE OPTION	C 7	7 7 7 7 5 5 5 5 5 5 5 5 5	7 7 7 5 5 5 5 5 5		-	-	7 7 7 5 5 5 5 5 5	5 5 5	7 7 7 5 5 5					89008 SEE NC LEAD OPT	TE IO FREE	СВ	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 6	$\rightarrow$	6	
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<b>5</b>	METRAL P/N  ROW   1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24    E	METRAL P/N  ROW   1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24    E   9   9   9   9   9   9   9   9   9	
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	METRAL P/N 89008-X39 SEE NOTE 10	CONTACT C MOD. 1  ROW 1 2 3 4  E 12 12 12 12 12  D 12 12 12 12 12  C 12 12 12 12	ODE MODE  5 6 7 8 9 12 12 12 12 12 12 12 12 12 12 12 12 12 1	0. 2 10 11 12 13 12 12 12 12 12 12 12 12 12 12	MOD . 3  14 15 16 17 12 12 12 12 12 12 12 12	MOD. 4  18 19 20 21 22  12 12 12 12 12 12  12 12 12 12 12 12  12 12 12 12 12 12  12 12 12 12 12 12	23 24 12 12 12 12 12 12 12				METR P/I 89008 SEE NO	AL ROW E D - X43 C TE 10 P	CONTACT CO MOD. 1	5 6 7 8 9 10 1 2	1 12 13 1	2 2 2 2 2 2 2	MOD. 4	4 2 3 2 4 2 2	
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А	B 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	89008-X51	А
<b>元</b> 》	METRAL P/N ROW	METRAL P/N ROW   1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24	
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<b>元</b> 》	METRAL ROW I 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24  89008-X56  CC 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	METRAL P/N ROW 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24  E 10 10 10 10 10 10 10 10 10 10 10 10 10	
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	METRAL P/N ROW     2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24	METRAL P/N ROW	
	B9008-X62 SEE NOTE LEAD FREE OPTION  D 12 12 12 12 12 12 12 12 12 12 12 12 12	B9008-X66 C   12   12   12   12   12   12   12	
	METRAL P/N ROW	METRAL P/N ROW   1   2   3   4   5   6   7   8   9   10   11   12   13   4   15   16   17   18   19   20   21   22   23   24    E   10   10   10   10   10   10   10   1	
А	89008-X63 C 10 10 10 10 10 10 10 10 10 10 10 10 10	89008-X67 C 10 10 10 10 10 10 10 10 10 10 10 10 10	А
<b>5</b>	METRAL P/N ROW     2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24	METRAL P/N ROW   1   2   3   4   5   6   7   8   9   10   11   12   13   4   15   16   17   18   19   20   21   22   23   24	
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	B 9008-X69 SEE NOTE 10 LEAD FREE OPTION  A 21 21 21 21 21 21 21 21 21 21 21 21 21	B 9008-X73 SEE NOTE 10 LEAD FREE OPTION  E 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	
	METRAL P/N ROW I 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24  E 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	METRAL P/N ROW   1   2   3   4   5   6   7   8   9   10   11   12   13   4   15   16   17   18   19   20   21   22   23   24    E   13   13   13   13   13   13   13   1	
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	METRAL P/N ROW	METRAL P/N ROW     2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17   18   19   20   21   22   23   24	
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PRODUCT NUMBER
89008-XYY

89008-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.
- 4. PLATING ON PRESS-FIT TAIL:
  73931-XYY IS SnPb
  73931-XYYLF IS SN (LEAD FREE)
  PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE
  LEVEL SHOWN IN TABLE BELOW.
- 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
- 7. PRODUCT SPECIFICATION GS-12-180
  APPLICATION SPECIFICATION BUS-20-073
- 8. AFTER INSERTION INTO CIRCUIT BOARD WITH QUALIFIED TOOL.
- (9) 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 140°C FOR NO LONGER THAN 15 SECONDS IN A WAVE SOLDER APPLICATION.

(0) FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX. EXAMPLE: 89008-X01LF

(II) -AYY PLATING HAS AU FLASH IN PRESS-FIT AREA (LEAD FREE).

PLATING IN CONTACT AREA DASH NUMBER PERFORMANCE LEVEL NOTES - A Y Y TELCORDIA CO SEE NOTE II -NIYY TELCORDIA CO (NXT) -N5YY TELCORDIA UE (NXT) - | Y Y TELCORDIA CO -2YY TELECOM CLASS - 3 Y Y IEC CLASS I - 5 Y Y TELCORDIA UE -9YY TELCORDIA CO TELCORDIA CO (NXT) -NIYYLF SEE NOTE 9 IEC CLASS I TELCORDIA UE (NXT) -N5YYLF SEE NOTE 9 TELCORDIA CO - IYYLF SEE NOTE 9 IEC CLASS I -2YYLF TELECOM CLASS SEE NOTE 9 -5YYLF TELCORDIA UE SEE NOTE 9

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