



REV E - 2006-04-18

PDM: Rev:CP

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METRAL P/N

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SEE NOTE 10

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SEE NOTE 10

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SEE NOTE 10

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SEE NOTE 10 LEAD FREE	В	54	54	39	54	54	54
OPTION	Α	54	54	39	54	54	54
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89025-X80	С	6	6	6	6	5	5
SEE NOTE 10 LEAD FREE	В	5	5	5	5	5	5
OPTION	Α	5	5	5	5	5	5

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	89025-X91	С	20	7	7	7	6	5	89025-X95	С	1	2	2	2	2	2
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	89025-X92 SEE NOTE 10	С	19	4	4	4	4	4	89025-X96 SEE NOTE 10	С	3	3	3	-	3	3
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SEE NOTE 10 LEAD FREE	В	3	3	3	3	3	3	
OPTION	Α	3	3	3	-	-	3	
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	D	4	4	4	19	19	19	
89025-X98	С	4	4	4	19	19	19	
SEE NOTE 10 LEAD FREE	В	4	4	4	19	19	19	
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	D	8	8	8	20	20	20	
89025-X99	С	8	8	8	20	20	20	
SEE NOTE 10 LEAD FREE	В	8	8	8	20	20	20	
OPTION	Α	8	8	8	20	20	20	Д

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PRODUCT NUMBER 89025-XYY 89025-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.

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.

(10) FOR LEAD FREE PART NUMBERS, ADD AN "LF" SUFFIX. EXAMPLE: 89025-X01LF

	PLATING IN CONTA	ACT AREA
DASH NUMBER	PERFORMANCE LEVEL	NOTES
- N I Y Y	TELCORDIA CO (NXT)	-
- N 5 Y Y	TELCORDIA UE (NXT)	-
- I Y Y	TELCORDIA CO	-
- 2 Y Y	TELECOM CLASS	-
- 3 Y Y	IEC CLASS I	-
- 5 Y Y	TELCORDIA UE	-
- 9 Y Y	TELCORDIA CO	-
-NIYYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE 9
-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE 9
- IYYLF	TELCORDIA CO IEC CLASS I	SEE NOTE 9
-2YYLF	TELECOM CLASS	SEE NOTE 9
-5YYLF	TELCORDIA UE	SEE NOTE 9

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mat'l code tolerances unless CUSTOMER otherwise specified ltr ecn no. dr date COPY www.fciconnect.com  $0.X \pm 0.3$ СР projection linear 0.XX ±0.13 title METRAL SIGNAL HEADER XXX ±.051 I MOD, 5 ROW PRESS-FIT 0° ±2° METRAL code T.BRUNGARD dr 11/19/99 MM product family M.STRAWSER 11/19/99 size dwg no engr chr M.STRAWSER 11/19/99 scale sheet 89025 8 good M.STRAWSER 02/29/00 sheet revision sheet

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