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PRODUCT NUMBER	DESCRIPTION	PLATING IN PRESS FIT TAIL AREA	PERFORMANCE LEVEL OF PLATING IN CONTACT AREA
70458-NIYY	STANDARD	TIN LEAD	TELCORDIA CO (NXT)
70458-N5YY	STANDARD	TIN LEAD	TECORDIA UE (NXT)
70458-IYY	STANDARD	TIN LEAD	TELCORDIA CO
70458-2YY	STANDARD	TIN LEAD	TELECOM CLASS
70458-3YY	STANDARD	TIN LEAD	IEC CLASS I
70458-5YY	STANDARD	TIN LEAD	TELCORDIA UE
70458-9YY	STANDARD	TIN LEAD	TELCORDIA CO
70458-NIYYLF	LEAD FREE	TIN	TELCORDIA CO (NXT), IEC CLASS I, SEE NOTES 9 AND 10
70458-N5YYLF	LEAD FREE	TIN	TECORDIA UE (NXT) SEE NOTES 9 AND 10
70458-IYYLF	LEAD FREE	TIN	TELCORDIA CO, IEC CLASS I, SEE NOTES 9 AND 10
70458-2YYLF	LEAD FREE	TIN	TELECOM CLASS, SEE NOTES 9 AND 10
70458-5YYLF	LEAD FREE	TIN	TELCORDIA UE, SEE NOTES 9 AND 10

## 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 AREA SEE PRODUCT NUMBER TABLE.
  PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE LEVEL SHOWN IN TABLE ON SHEET3.

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- 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-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.) THE PRODUCTS WHERE THE PART NUMBERS ENDS IN LF MEET THE EUROPEAN UNION DIRECTIVE AND OTHER COUNTRY REGULATIONS AS DESCRIBED IN GS-12-008.
- (10)ALL PRODUCTS EXCEPT THOSE WITH PART NUMBERS CONTAINING 70458-NI--- OR 70458-N5--- WILL WITHSTAND EXPOSURE TO 260 DEGREES C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR VAPOR PHASE REFLOW OVEN. PART NUMBERS 70458-NI--- AND 70458-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.

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К						linear		0.XX ±			projec	tion	1						HE.		
						angles		0° ±	:2°		7	ナモ	7	2	MO	υ,	4 K	JW F	PRES	2-1	
						dr	T.BRU	NGARD	1171	9/99		MM		produ	ict fam	nily		MET	RAL	code	
						engr	M.STR	AWSER	1171	9/99	-	1 V 11 V 1	<b>~</b>	size	dwg	no				2	I 3
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PDM: Rev:K

Pro/E

STATUS: Released

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REV E - 2006-04-18

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METRAL			ON'		T (			METRAL			ON'			COD	
P/N	ROW	ī	2	3	4	5	6	P/N	ROW	1	2	3	4	5	6
	D	Т	1	1	Т	1	1		D	3	3	3	3	3	3
70458-XI0	С	2	2	2	2	2	2	70458-X15	С	3	3	3	3	3	3
AND 70458-X10LF	В	2	2	2	2	2	2	AND 70458-X15LF	В	3	3	3	3	3	3
	Α	3	3	3	3	3	3		Α	3	3	3	3	3	3
			UN.	TΔC	T	^OD	F				ON.	ΙΔΟ	T (	`OD	F
METRAL P/N		мč	D.	1	THI	٦U	12	METRAL P/N			D.	1	THE	٦U	12
171	ROW	1	2	3	4	5	6	171	ROW	1	2	3	4	5	6
	D	1	1	1	1	1	1		D	2	2	2	2	2	2
70458-XII AND	C	1	1	1	1	1	1	70458-X16 AND	С	2	2	2	2	2	2
70458-XIILF	В	L	1	1	L	1	1	70458-X16LF	В	2	2	2	2	2	2
	Α	1	1	1	1	1	1		Α	2	2	2	2	2	2
USTRA					T (			METRAL			ON.				
METRAL P/N	ROW	MC	D. 2	3	THI 4	₹U   5	6	METRAL P/N	ROW	MO	D. 2	3	T H F	₹U 5	6
	D	H	1	1	1	1	1		D	3	3	3	3	3	3
70458-X12	C	H	<u>'</u>	1	H	<u> </u>	1	70458-X17	C	2	2	2	2	2	2
AND	В	H		· ·	H		· ·	AND	В	2	2	2	2	2	2
70458-XI2LF	A	3	3	3	3	3	3	70458-X17LF	A	1	1	1	1	1	1
	_ ^			٦	1,		٦		Α	<u> </u>	L'	<u> </u>	<u>'</u>	<u> </u>	
METRAL			ON'		THI			METRAL			ON'			COD Ru	
P/N	ROW	ī	2	3	4	5	6	P/N	ROW	1	2	3	4	5	6
	D	3	3	3	3	3	3		D	3	3	3	3	3	3
70458-XI3	С	2	2	2	2	2	2	70458-X18	С	Ι	T	ı	ı	ı	Ι
AND 70458-XI3LF	В	2	2	2	2	2	2	AND 70458-X18LF	В	Ι	T	Ι	1	T	_
	Α	3	3	3	3	3	3		Α	Ι	ī	Τ	1	1	_
		С	ON.	TAC	Τ (	:0D	F			С	ON.	TAC	Τ (	:OD	F
METRAL P/N			Ď.	1	THI	٦U	12	METRAL P/N			Ď.	L	THE	٦U	12
.,,,	ROW		2	3	4	5	6	171	ROW	ı	2	3	4	5	6
	D	4	4	4	4	4	4		D	4	4	4	4	4	4
70458-X14 AND	C	3	3	3	3	3	3	70458-X19 AND	С	4	4	4	4	4	4
70458-XI4LF	В	3	3	3	3	3	3	70458-X19LF	В	4	4	4	4	4	4
	A	4	4	4	4	4	4		A	4	4	4	4	4	4

	II O II	'	4		7	٧.	ľ
	D	3	3	3	3	3	3
70458-XI5	С	3	3	3	3	3	3
AND 70458-XI5LF	В	3	3	3	3	3	3
	Α	3	3	3	3	3	3
METRAL		С			T (		E 12
P/N	ROW	1	2	3	4	5	6
	D	2	2	2	2	2	2
70458-X16	С	2	2	2	2	2	2
AND 70458-X16LF	В	2	2	2	2	2	2
	Α	2	2	2	2	2	2
METRAL		C <b>M</b> O			T (		E 12
P/N	ROW	1	2	3	4	5	6
	D	3	3	3	3	3	3
70458-X17 AND	С	2	2	2	2	2	2
70458-X17LF	В	2	2	2	2	2	2
	Α	1	1	Ι	1	ı	Ι
METRAL		С	ON'		T (		
P/N	ROW	1	2	3	4	5	6
	D	3	3	3	3	3	3
70458-X18	С	ı	ı	ı	ı	1	ı
AND 70458-X18LF	В	1	ı	ı	1	1	1
	Α	1	1	ı	1	T	1
METRAL			ON'	ГАС	T (		E 12
P/N	ROW	1	2	3	4	5	6
	D	4	4	4	4	4	4
			4	4	4	4	4
70458-X19	С	4		_			
70458-X19 AND 70458-X19LF	C B	4	4	4	4	4	4

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CONTACT CODE MOD. I THRU 12

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METRAL		С		ΓAC	T (			METRAL			ON1 D.		T (		
P/N	ROW	1	2	3	4	5	6	P/N	ROW	1	2	3	4	5	6
	D	5	5	5	5	5	5		D	7	7	7	7	7	7
70458-X20 AND	С	6	6	6	6	6	6	70458-X25 AND	С	7	7	7	7	7	7
70458-X20LF	В	6	6	6	6	6	6	70458-X25LF	В	7	7	7	7	7	7
	A	7	7	7	7	7	7		A	7	7	7	7	7	7
METRAL		С		ГАС	T (		E 12	METRAL		С			T (		E 12
P/N	ROW	1	2	3	4	5	6	P/N	ROW	1	2	3	4	5	6
	D	5	5	5	5	5	5		D	6	6	6	6	6	6
70458-X21	С	5	5	5	5	5	5	70458-X26	С	6	6	6	6	6	6
AND 70458-X21LF	В	5	5	5	5	5	5	AND 70458-X26LF	В	6	6	6	6	6	6
	Α	5	5	5	5	5	5		A	6	6	6	6	6	6
		C	ON T	ГАС	Τ (	COD	E			С	ONT	ГАС	Τ (	OD	E
METRAL P/N		МО	D.		THE	۲U	12	METRAL P/N		H	Ď.		THE		12
	ROW	1	2	3	4	5	6		ROW		2	3	4	5	6
70458-X22	D	5	5	5	5	5	5	70458-X27	D	7	7	7	7	7	7
AND	C	5	5	5	5	5	5	AND	C	6	6	6	6	6	6
70458-X22LF	B	7	7	7	7	7	7	70458-X27LF	B	5	5	5	5	5	5
	A					_	Ė		I A						
METRAL		С МО		TAC I				METRAL					T (		E 12
P/N	ROW	1	2	3	4	5	6	P/N	ROW	1	2	3	4	5	6
	D	7	7	7	7	7	7		D	7	7	7	7	7	7
70458-X23 AND	С	6	6	6	6	6	6	70458-X28 AND	C	5	5	5	5	5	5
70458-X23LF	В	6	6	6	6	6	6	70458-X28LF	В	5	5	5	5	5	5
	A	7	7	7	7	7	7		A	5	5	5	5	5	5
METRAL		С		ГАС	T (		E 12	METRAL			ON1		T (		E 12
P/N	ROW	1	2	3	4	5	6	P/N	ROW	1	2	3	4	5	6
	D	8	8	8	8	8	8		D	8	8	8	8	8	8
70458-X24	С	7	7	7	7	7	7	70458-X29	С	8	8	8	8	8	8
AND 70458-X24LF	В	7	7	7	7	7	7	AND 70458-X29LF	В	8	8	8	8	8	8
	Α	8	8	8	8	8	8		A	8	8	8	8	8	8

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STATUS: Released

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Printed: May 16, 2009

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CONTACT CODE MOD. | THRU |2

1 2 3 4 5 6 D 9 9 9 9 9 9 C 10 10 10 10 10 10

B 10 10 10 10 10 10

ROW | 1 | 2 | 3 | 4 | 5 | 6 9 9 9 9 9 9 9 9 9 9 9

С

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CONTACT CODE MOD. I THRU 12

9 9 9 9 9 9 9

9 9 9 9 9

CONTACT CODE MOD. | THRU |2

1 2 3 4 5 6 9 9 9 9 9 9 9 9 9 9 9

9 9 9 9 9 9

11 11 11 11 11 1 CONTACT CODE MOD. I THRU 12

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

10 10 10 10 10 10 10 10 10 10 10 10

CONTACT CODE MOD. | THRU |2

1 2 3 4 5 6 12 12 12 12 12 12

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A 12 12 12 12 12 12

Д

METRAL P/N

70458-X30 AND

70458-X30LF

METRAL

70458-X31

AND

70458-X31LF

METRAL P/N

70458-X32 AND

70458-X32LF

METRAL P/N

70458-X33 AND 70458-X33LF

METRAL P/N

70458-X34 AND

70458-X34LF

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70458-X35 AND 70458-X35LF В CONTACT CODE MOD. I THRU 12 METRAL ROW | 2 | 3 | 4 | 5 | 6 10 10 10 10 10 10 70458-X36 AND 70458-X36LF 10 10 10 10 10 10 C В A 10 10 10 10 10 10 CONTACT CODE MOD. I THRU 12 METRAL P/N ROW | 2 3 4 5 6 սիսիսիսիսիս 70458-X37 10 10 10 10 10 10 AND 10 10 10 10 10 10 В 70458-X37LF 9 9 9 9 9 9 | CONTACT CODE | MOD. | THRU | 12 | ROW | 1 | 2 | 3 | 4 | 5 | 6 METRAL P/N 70458-X38 AND 70458-X38LF 9 9 9 9 9 В 9 9 9 9 9 CONTACT CODE MOD. | THRU |2 METRAL P/N 1 2 3 4 5 6 ROW 2 12 12 12 12 12 70458-X39 AND 70458-X39LF 12 12 12 12 12 12 C 

CONTACT CODE MOD. I THRU 12

1 2 3 4 5 6

METRAL P/N

ROW

METRAL P/N			МО	ON'	1	THE	۱U	12
1 7 14		ROW	1	2	3	4	5	6
		D	2	2	2	2	2	2
70458-X4 AND	0	С	2	2	2	2	2	2
70458-X40	LF	В	4	4	4	4	4	4
		Α	2	2	2	2	2	2
METRAL			С МО	ON'		T (		E 12
P/N		ROW	1	2	3	4	5	6
		D	2	2	2	2	2	2
70458-X4	ı	С	2	2	2	2	2	2
AND 70458-X41	LF	В	2	2	2	2	2	2
		Α	4	4	4	4	4	4
METRAL			C MO	ON'		T (	OD RU	E 12
P/N		ROW	1	2	3	4	5	6
		D	1	1	T	1	1	ī
70458-X4	2	С	1	1	1	1	1	ı
AND 70458-X42	LF	В	1	1	ı	1	1	ī
		Α	2	2	2	2	2	2
METRAL			С	ON'			COD	
P/N		ROW	1	2	3	4	5	6
		D	13	13	13	13	13	13
70458-X4	3	С	3	3	3	3	3	3
AND 70458-X43	LF	В	3	3	3	3	3	3
		Α	3	3	3	3	3	3
METRAL			C M0	ON'		T (		E 12
P/N		ROW	_	2	3	4	5	6
		D	2	2	2	2	2	2
	4	С	3	3	3	3	3	3
70458-X4							,	4
70458-X4 AND 70458-X44	LF	В	4	4	4	4	4	4

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METRAL		МО		TAC	T (			METRAL			ON1 D.			COD RU	
P/N	ROW	1	2	3	4	5	6	P/N	ROW	1	2	3	4	5	6
	D	T	ī	1	T	ī	1		D	6	6	6	6	6	6
70458-X45	С	2	2	2	2	2	2	70458-X50	С	6	6	6	6	6	6
AND 70458-X45LF	В	3	3	3	3	3	3	AND 70458-X50LF	В	8	8	8	8	8	8
	Α	4	4	4	4	4	4		Α	6	6	6	6	6	6
			OM.	TAC	T /	. ^ D	_				ONI		T /	COD	_
METRAL		мŏ			THE			METRAL		мč		I	THE	300	12
P/N	ROW	1	2	3	4	5	6	P/N	ROW	1	2	3	4	5	6
	D	19	19	19	19	19	19		D	6	6	6	6	6	6
70458-X46 AND	C	3	3	3	3	3	3	70458-X51 AND	С	6	6	6	6	6	6
70458-X46LF	В	3	3	3	3	3	3	70458-X51LF	В	6	6	6	6	6	6
	A	3	3	3	3	3	3		A	8	8	8	8	8	8
		С	ON:	TAC	T (	:OD	F			С	ONT	ГАС	T (	COD	F
METRAL P/N		MŎ	D.	1	THE	۲U	12	METRAL P/N		MC	D.	1	THE	٦U	12
	ROW		2	3	4	5	6		ROW		2	3	4	5	6
	D	4	4	4	4	4	4		D	5	5	5	5	5	5
70458-X47 AND	C	4	4	4	4	4	4	70458-X52 AND	C	5	5	5	5	5	5
70458-X47LF	В	<u> </u>	-	13	l ·	-	-	70458-X52LF	В	5	5	5	5	5	5
	A	13	13	13	13	13	13		A	6	6	6	6	6	6
				TAC				WETDI		C	ON			COD	
METRAL P/N	ROW	MO	2	3	THE 4	₹U 5	6	METRAL P/N	ROW	MC	D.	3	T H F	₹U 5	6
	D	L.	_	19	Ļ.	19	H		D	14	-	-	14	Ť	1
70458-X48	C			19	<u> </u>	19	H	70458-X53	C	7	7	7	7	7	7
AND 70458-X48LF	В	-		19		-		AND 70458-X53LF	В	7	7	7	7	7	7
10430-14011	A	-	-	$\vdash$	19	19	-	10430-X33LF	L A	7	7	7	7	7	7
		Ľ	L		L .					Ľ	Ľ			Ľ	
METRAL		MO		TAC	THE			METRAL		MC			THE	COD Ru	E 12
P/N	ROW	1	2	3	4	5	6	P/N	ROW	1	2	3	4	5	6
	D	4	4	4	4	4	4		D	6	6	6	6	6	6
70458-X49	С	3	3	3	3	3	3	70458-X54	С	7	7	7	7	7	7
AND 70458-X49LF	В	3	3	3	3	3	3	AND 70458-X54LF	В	8	8	8	8	8	8
	A	3	3	3	3	3	3		A	7	7	7	7	7	7
		_		-	_	_	-			_			_		_

ETRAL		C MO			THE			
P/N	ROW	1	2	3	4	5	6	
	D	5	5	5	5	5	5	
58-X55	С	6	6	6	6	6	6	
AND 8-X55LF	В	7	7	7	7	7	7	
	Α	8	8	8	8	8	8	
TRAL		С			T (		E 12	
P/N	ROW	I	2	3	4	5	6	
	D	20	20	20	20	20	20	
58-X56	С	7	7	7	7	7	7	
AND 8-X56LF	В	7	7	7	7	7	7	
	A	7	7	7	7	7	7	
		С	ON.	TAC	Τ (	.00	F	
ETRAL P/N		ΜŎ		1	THE	۱U	12	
1 7 18	ROW	_	2	3	4	5	6	
	D	8	8	8	8	8	8	
58-X57 AND	С	8	8	8	8	8	8	
8-X57LF	В	14	14	14	14	14	14	
	Α	4	4	14	4	4	14	
TRAL		С МО			T (			
P/N	ROW	_	2	3	4	5	6	Α
	D	20	20	20	20	20	20	<u> </u>
58-X58 AND	С	20	20	20	20	20	20	
8-X58LF	В	20	20	20	20	20	20	
	Α	20	20	20	20	20	20	
TRAL					T (			
P/N	ROW	MO	D. 2	3	THF 4	5	6	
	D	8	8	8	8	8	8	
58-X59	С	7	7	7	7	7	7	
AND 8-X59LF	В	7	7	7	7	7	7	
	Α	7	7	7	7	7	7	

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Itr	ecn	no.	dr	do	te			0.X:	±0.3			COPY				=		ww	w.fcic	onnect.	com
K						linear		0.XX;			projec	tion		title	_	TRAL		_		_	
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						dr	T.BRU	NGARD	1171	9/99		MM		produ	ct fam	nily		MET	RAL	code	
						engr	M.STR	AWSER	1171	9/99	-	1 V 11 V 1	•	size	dwg	no				2	13
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AND 70458-X91LF	В	9	9	9	9	9	9	AND 70458-X96LF	В	9	9	9	9	9
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70458-X87LF

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AND

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AND

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