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				KEY		KEY	
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			-	6 5.75 I3.6 7 6.50 I3.6		41 6.50	15.60
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č		d r Terran Huang	2010/07/08	projection	ММ	size	scale
		eng Julia Wang	2012/09/19		V V	A 4	21:10
		chr -	-		◄ ►	ecn no	ELX-DG-012854-1
D		appr Pei-Ming Zheng	2012/09/19 pr	oduct family	METRAL	rel level	Released
		FCì, 🔤	METRAL SIGNAL	I HEADER	0 L		rev
					d × g	85838	
			I MOD, 5 ROW PRESS			1	BH
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ROW	CONTACT CODE MOD. 1 1 2 3 4 5 6	METRAL P/N	CONTACT CODE MOD. I ROW I 2 3 4 5 6	METRAL P/N ROW	CONTACT CODE MOD. I I 2 3 4 5 6		
D 2	4 4.4 4.4 4.4 4.4 2 2.2 2.2 2.2 2.2 2.2	85838-X09 -	E N/A D 6 6 6 6 6 6	85838-XI3 D	3 3 3 3 3 3 3 3 3 3		
B 4	4 44 44 44 44 44 4 44 44 44 44 5 45 45 45 45 45 45	85838-X09LF	C 6 6 6 6 6 6 B 6 6 6 6 6 6 6 A 6 6 6 6 6 6 6	85838-XI3IF	3 3 3 3 3 2 2 2 2 2 2 2 2 2 2		A
ROW	CONTACT CODE MOD. 1 1 2 3 4 5 6	ME TRAL P / N	CONTACT CODE MOD. I ROW I 2 3 4 5 6	METRAL P/N ROW	CONTACT CODE MOD. I I 2 3 4 5 6		
E D		85838-XI0 -	E N/A D 2 2 2 2 2 2 2	85838-XI4	6 16 16 16 16 16 6 16 16 16 16 16	-	
- C 3		85838-XIOLF	C 2 2 2 2 2 2 B 2 2 2 2 2 2 2 A 2 2 2 2 2 2 2	85838-XI4IF	6 16 16 16 16 16 6 16 16 16 16 16 6 16 16 16 16 16		
ROW	CONTACT CODE MOD. 1 1 2 3 4 5 6	METRAL P/N	CONTACT CODE MOD. CODE ROW I 2 3 4 5 6	METRAL P/N ROW	CONTACT CODE MOD. 1 1 2 3 4 5 6		В
D	9 19 19 19 19 19 19 4 4 4 4 4 4 4 4 4 4 4 4	85838-XII -	E N/A D 4 4 4 4 4 4 C 4 4 4 4 4	85838-XI5 D I	3 13 13 13 13 3 13 13 13 13 3 13 13 13 13		
В	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	85838-XIILF -	C 4 4 4 4 4 B 19 19 19 19 19 19 A 19 19 19 19 19 19	85838-XI5LE	3 13 13 13 13 13 3 13 13 13 13 13	_	
	CONTACT CODE MOD. I I 2 3 4 5 6 0 20 20 20 20 20	METRAL P/N 85838-X12	CONTACT CODE MOD. CODE ROW I 2 3 4 5 6 E 7 7 7 7 7 7		CONTACT CODE MOD. 1 I 2 3 4 5 6 7 17 17 17 17		
- <u> </u>	3 8 8 8 8 3 8 8 8 8 3 8 8 8 8 3 8 8 8 8 3 8 8 8 8	85838-XI2LF	D 7 7 7 7 7 C 7 7 7 7 7 7 7 B 7 7 7 7 7 7 7 7	D C	7 17 17 17 17 7 17 17 17 17 7 17 17 17 17 7 17 17 17 17		С
A 8	3 8 8 8 8 8	03030-X12LF	A 3 3 3 3 3 3 3	OJOSO-ATOLF A I	7 7 7 7 7 7		
						-	
dr	Terran Huang	2010/07/08	projection	ΝΛΝΛ	s i z e	scale	
eng	Julia Wang	2012/09/19		MM	A 4	: 0	
chr	-	-		◄ ►	ecn no	ELX-DG-012854-1	D
appr	Pei-Ming Zheng	2012/09/19	product family	METRAL	rel level	Released	D

	I							
METRAL		0	CON	T A C MOD			E	
P/N	ROW	T	2	3	4	5	6	
85838-X0I	E	25	25	25	25	25	25	
00000 101	D	25	25	25	25	25	25	
	С	25	25	25	25	25	25	
05000 80115	В	25	25	25	25	25	25	
85838-X0ILF	A	25	25	25	25	25	25	
METRAL		CONTACT CODE MOD. I						
P/N	ROW	Т	2	3	4	5	6	
85838-X02	E	Т	Т	Т	Т	Ι	Т	
00000 802	D	3	3	3	3	3	3	
	С	19	19	19	19	19	19	
85838-X02LF	В	3	3	3	3	3	3	
00000-XUZLF	A	Т	Т			Ι	Т	
METRAL		CONTACT CODE MOD. I						
P/N	ROW	1	2	3	4	5	6	
85838-X03	E	3	3	3	3	3	3	
00000-000	D	3	3	3	3	3	3	
	С	3	3	3	3	3	3	
85838-X03LF	В	19	19	19	19	19	19	
	A	3	3	3	3	3	3	
		-	CON	TAC	Ţ(:00	Ε	
METRAL P/N	D.0.11		1	MOD	.	_		
	ROW	1	2	3	4	5	6	
85838-X04	E	3	3	3	3	3	3	
	D	10	10	10	10	10		
	C	10	10	10	10	10	10	

B 9 9 9 9 9 9

A 10 10 10 10 10 10

METRAL P/N

85838-X05

85838-X05LF

METRAL P/N

85838-X06

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85838-X06LF

METRAL P/N

85838-X07

85838-X07LF

METRAL P/N

85838-X08

85838-X08LF



85838-X04LF

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dr	Terran Huang Julia Wang		2010/07/08 2012/09/19 -		ection		MМ	size A 4	scale : 0	
eng chr	-							ecn no	ELX-DG-0	
appr	Pei-Ming Zheng		2012/09/19	product	· family	·	METRAL	rel level	Rele	ased
F		+- ·		IGNAL H w press-fi			dwg no	85838	3	rev BH
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METRAL P/N ROW I 2 3 4 5 6	METRAL P/N ROW I 2 3 4 5 6	METRAL P/N ROW 1 2 3 4 5 6	METRAL P/N ROW I 2 3 4 5 6	
85838-XI7 E I4 I4 <thi4< th=""> I4 I4 <t< th=""><th>E IO IO<!--</th--><th>85838-X25 E 22 <</th><th>85838-X29 E 56 <</th><th></th></th></t<></thi4<>	E IO IO </th <th>85838-X25 E 22 <</th> <th>85838-X29 E 56 <</th> <th></th>	85838-X25 E 22 <	85838-X29 E 56 <	
B I	C 9 1 1 1 1 1 1		C 56 </td <td>A</td>	A
METRAL ROW I 2 3 4 5 6	METRAL CONTACT CODE P/N ROW I 2 3 4 5 6	METRAL P/N ROW 1 2 3 4 5 6	METRAL P/N ROW I 2 3 4 5 6	
ISB ISB <thisb< th=""> <thisb< th=""> <thisb< th=""></thisb<></thisb<></thisb<>	Kow I <thi< th=""> <thi< th=""> <thi< th=""></thi<></thi<></thi<>	85838-X26 D 55 55 55 55 55 55	Kor F C F C <thc< th=""> C <thc< th=""> <thc< th=""></thc<></thc<></thc<>	
C I 8	C 2 2 2 2 2 85838-X22LF A 2 2 2 2 2	C 56 55 </td <td>C I9 I9<!--</td--><td></td></td>	C I9 I9 </td <td></td>	
METRAL CONTACT CODE MOD. 1 P/N ROW 1 2 3 4 5 6	METRAL CONTACT CODE MOD. I P/N ROW I 2 3 4 5 6	METRAL P/N ROW I 2 3 4 5 6	METRAL P/N ROW I 2 3 4 5 6	В
B5838-X19 E I5 I5 I5 I5 I5 D I5 I5 I5 I5 I5 I5	85838-X23 E 19 19 19 19 19 D I I I I I I I I	85838-X27 E 48 48 48 48 48 D 48 48 48 48 48 48	85838-X31 E I	
C I	C I	C 48 </td <td>C I 9</td> <td></td>	C I 9	
METRAL P/N ROW I 2 3 4 5 6	METRAL P/N ROW I 2 3 4 5 6	METRAL P/N ROW I 2 3 4 5 6	METRAL P/N ROW I 2 3 4 5 6	
85838-X20 E 10 10 10 10 10	85838-X24 E 20 20 20 20 20 20 0 5	85838-X28 E 3 3 3 3 3 3 3 D 19 19 19 19 19 19 19	85838-X32 E I I I I I I I I D I I I I I I I D 0 0 0 0 0 0 0	C
C I	C 20 </th <th>C 3</th> <th>C 2</th> <th></th>	C 3	C 2	
	d r Terran Huang e n q Julia Wang	2010/07/08 projection	MM size A4	scale : 0

dr	Terran Huang	2010/07/08		2010/07/08 projection		N.	1 M	size	scale			
eng	Julia Wang		2012/09/19				V	' V	A 4	: 0		
chr	-		-				-		ecn no	ELX-DG-0	012854-1	
appr	Pei-Ming Zheng		2012/09/19		product	family		METRAL	rel level	Rele	ased] [
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RAL /N			_	T A C MOD			E	METRAL P/N		(1	IT A C MOE). 	1	-
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8 - X 4 I	E D	<u> </u>		61				85838-X45	E			60 60	-	-	-
	С	61	61	61	61	61	61		- C	60	60	60	60	60	60
-X41LF	В	61	61	61	61	61	61	85838-X45LF	В	60	60	60	60	60	60
- X41LF	A	61	6 I	61	61	61	61	03030-X43LF	A	60	60	60	60	60	60
RAL		(T A C MO D			E	METRAL		(IT A C MOE			E
/ N	ROW	1	2			5	6	P/N	ROW	1	2	T	T	5	6
8-X42	E	60	60	60	60	60	60	85838-X46	E	62	62	62	62	62	62
	D	-	_	60					D			62	-	-	
	С	-	-	60	-				C			62	-	-	-
-X42LF	B	-	-	62 60	-			85838-X46LF	B			62	-	-	-
		60 60 60 60 60 60 60													
RAL /N				MOD			L.	METRAL P/N			1	MOE).	1	
	ROW		2	3	-	5	6		ROW	1	-	-	-	5	-
8 - X 4 3	E D	<u> </u>	_	61 61	-			85838-X47	E			63 63	+	-	-
	c		-	62	-	_			· C			63	-	+	-
	В	-	_	63	-	_			В	63	63	63	63	63	63
-X43LF	A	63	63	63	63	63	63	85838-X47LF	A	63	63	63	63	63	63
				TAC			E			(TAC			E
RAL /N	ROW	1	2	MOD 3		5	6	METRAL P/N	ROW	$\left \right $	2	MOE 3	1	5	6
	E	-	-	61	-	_			E			40	-	-	-
8 - X 4 4	D	61	61	61	61	61	61	85838-X48	D	40	40	40	40	40	40
		-							· C	40	40	40	40	40	40
	С	61	61	61	61	61	61			-					
- X 4 4 L F	C B	63	63	61 63 61	63	63	63	85838-X48LF	В	40	40	40	-	+	-

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METRAL		(CON	T A C MOD		COD	E
P/N	ROW	Ι	2	3	4	5	6
85838-X37	E	3	3	3	3	3	3
	D	3	3	3	3	3	3
	C	4	4	4	4	4	4
35838-X37LF	В	19	19	19	19	19	19
55050 X57E1	A	19	19	19	19	19	19
METRAL		(CON	T A C MOD			E
P/N	ROW	Т	2	3	4	5	6
85838-X38	E	59	59	59	59	59	59
00000 000	D	59	59	59	59	59	59
	С	59	59	59	59	59	59
05000 X001 5	В	59	59	59	59	59	59
85838-X38LF	A	59	59	59	59	59	59
METRAL			CON	T A C MOD			E
P/N	ROW		2	3	4	5	6
	E	59	59	59	59	59	59
85838-X39	D	59	59	59	59	59	59
	С	59	59	59	59	59	59
	В	59	59	59	59	59	59
85838-X39LF	A	61	61	61	61	61	61
		(CON			COD	E
METRAL P/N		<u> </u>		MOD			
	ROW		2	3	4	5	6
85838-X40	E	60	···		60		
	D	61	-	61	-		61
	C	60			60	60	60
85838-X40LF	B	60				60	60
	A	61	01	61	61	61	61

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METRAL		C		T A C MOD		OD	E	
P/N	ROW	T	2	3	4	5	6	
85838-X33	Ε	6	6	6	6	6	6	
00000 800	D	6	6	6	6	6	6	
	С	6	6	6	6	6	6	
85838-X33LF	В	5	5	5	5	5	5	
03030 X33EI	A	5 5 5 5 5 5						
METRAL		C		T A C MOD		ODI	E	
P/N	ROW	Ι	2	3	4	5	6	
85838-X34	Ε	19	19	19	19	19	19	
00000	D	19	19	19	19	19	19	
	С	19	19	19	19	19	19	
85838-X34LF	В	4	4	4	4	4	4	
00000-70411	A	4	4	4	4	4	4	
METRAL		CONTACT CODE MOD. I						
P/N								
171	ROW	Т	2	3	4	5	6	
	ROW E	1 2	2 2	3 2	4	5 2	6 2	
85838-X35			-	-				
	E	2	2	2	2	2	2	
85838-X35	E	2	2	2	2	2	2	
	E D C	2 4 4	2 4 4	2 4 4	2 4 4	2 4 4	2 4 4	
85838-X35	E D C B	2 4 4 4 2	2 4 4 2 CON	2 4 4 4 2	2 4 4 2 T C	2 4 4 2 COD	2 4 4 4 2	
85838-X35 	E D C B	2 4 4 4 2	2 4 4 2 CON	2 4 4 2 TAC	2 4 4 2 T C	2 4 4 2 COD	2 4 4 4 2	
85838-X35 85838-X35LF METRAL P/N	E D C B A	2 4 4 2 (2 4 4 2 CON	2 4 4 2 TAC MOD	2 4 4 2 T C . I	2 4 4 4 2 5	2 4 4 4 2 E	
85838-X35	E D C B A	2 4 4 2 ()	2 4 4 2 CON	2 4 4 2 TAC MOD 3	2 4 4 2 T C . I	2 4 4 4 2 5	2 4 4 4 2 E	
85838-X35 85838-X35LF METRAL P/N	E D C B A A ROW	2 4 4 2 () 1 21	2 4 4 2 2 2 2 1 21	2 4 4 2 TAC MOD 3 21	2 4 4 2 T C . I 4 2 I	2 4 4 2 CODI 5 21	2 4 4 4 2 E 6 21 21	
85838-X35 85838-X35LF METRAL P/N	E D A A ROW E D	2 4 4 2 0 1 21 21	2 4 4 2 2 2 2 1 21	2 4 4 4 2 TACC MOD 3 21 21 21	2 4 4 2 T C 1 4 21 21	2 4 4 4 2 CODI 5 21 21	2 4 4 4 2 E 6 21 21	

dr	Terran Huang	n Huang 2010/07/08		proj	ection	N /	Ν./	size	scale	
eng	Julia Wang		2012/09/19			MM		A 4	: 0)
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CONTACT CODE MOD. 1 1 2 3 4 5 6	METRAL P/N	ROW 1	CONTACT CODE MOD. 1 2 3 4 5 6	METRAL P/N	CONTACT CODE MOD. I ROW I 2 3 4 5 6	METRAL P/N ROW	CONTACT CODE MOD. I I 2 3 4 5 6		
40 40 40 40 40 40 40 40 40 40	85838-X53	E 4 D 4	1 41 41 41 41 1 41 41 41 41	85838-X57 -	E 11 11 11 11 11 11 D 11 11 11 11 11	85838-X6I E D	2 2 2 2 2 2 2 1 1 1 1 1 1		
40 40 40 40 40 40 40 40 40 40 40 40 40 40 40	85838-X53LF	B 43	2 42 42 42 42 42 3 43 43 43 43 43 2 12 12 12 12 12		C 12 12 12 12 12 B 21 21 21 21 21	с С В 85838-X6ILF д	1 1 1 1 1 1 1 1 1 1 1 1 1		A
41 41 41 41 41 41 41 CONTACT CODE MOD. 1	METRAL		3 43 43 43 43 43 CONTACT CODE MOD. 1	METRAL	A 21 21 21 21 21 21 21 CONTACT CODE MOD. 1	METRAL	CONTACT CODE		
I I Z 3 4 5 6 25 25 25 25 25 25 25	P/N	-		P/N	MOD. I ROW I 2 3 4 5 6 E I I I I I I I	P/N ROW	MOD. I I 2 3 4 5 6 I I I I I I I		
41 41 41 41 41 25 25 25 25 25	85838-X54	D 4			D 11 11 11 11 11 11 C 11 11 11 11 11 11	85838-X62 D	2 2 2 2 2 2 2 3 3 3 3 3 3	-	
25 25 25 25 25 41 41 41 41 41	85838-X54LF		3 43 43 43 43 43	85838-X58LF -	B 21 21 21 21 21 21 A 11 11 11 11 11		2 2 2 2 2 2 2 2 2 1 1 1 1 1 1 1		
CONTACT CODE MOD. 1 1 1 2 3 4 5 6	METRAL P/N	ROW I	CONTACT CODE MOD. I 2 3 4 5 6	METRAL P/N	CONTACT CODE MOD. I ROW I 2 3 4 5 6	METRAL P/N ROW	CONTACT CODE MOD. I		В
41 41 41 41 41 41 41 41 41 41	85838-X55		2 42 42 42 42 42 2 42 42 42 42 42	85838-X59	E 7 7 7 7 7 7 7 D 7 7 7 7 7	85838-X63 E D	 4 4 4 4 4 4		
41 41 41 41 41 41 41 41 41 41 41 41	85838-X55LF	B 42	2 42 42 42 42 42 2 42 42 42 42 42 2 42 42 42 42 42 2 42 42 42 42 42	85838-X59LF	C 8 8 8 8 8 B 20 20 20 20 20 A 20 20 20 20 20	C 85838-X63LF A	4 4 4 4 4 4 4 4 4 4 3 3 3 3 3		L
CONTACT CODE MOD. I I I 2 3 4 5 6	METRAL P/N		CONTACT CODE MOD. 1 2 3 4 5 6	ME TRAL P / N	CONTACT CODE MOD. 1 ROW 1 2 3 4 5 6	METRAL P/N ROW	CONTACT CODE MOD. 1 1 2 3 4 5 6		
25 25 25 25 25 25 25 25 25 25 25 25 25 25	85838-X56	E 43	3 43 43 43 43 43 3 43 43 43 43 43	85838-X60 -	E 7	85838-X64 E	1 2 3 4 5 6 2 2 2 2 2 2 3 3 3 3 3 3		
25 25 25 25 25 25 42 42 42 42 42 42 42			3 43 43 43 43 43 3 43 43 43 43 43		C 7 7 7 7 7 7 B 20 20 20 20 20 20		4 4 4 4 4 4 4 4 4 4		С
25 25 25 25 25 25	:85838-X56LF	A 43	3 43 43 43 43 43	85838-X60LF	A 7 7 7 7 7 7 7	85838-X64LF A	4 4 4 4 4 4		
	1			1			1		
	·	dr eng	Terran Huang Julia Wang	2010/07/08 2012/09/19	projection	MM	size A 4	scale : 0	

85838-X49 D 40 40 40 C 40 40 40 40 40 40 В 85838-X49LF 4 | 4 | 4 | А CONTACT MOD. METRAL P/N 1 2 3 ROW 25 25 25 Ε 85838-X50 4 | 4 | 4 | D С 25 25 25 25 25 25 В 85838-X50LF 4 | 4 | 4 | Α CONTACT MOD. METRAL P/N 1 2 3 ROW 4 | 4 | 4 | Ε 85838-X5I 4 | 4 | 4 | D C 4| 4| 4| B 41 41 41 85838-X5ILF A 41 41 41 CONTACT MOD. METRAL P/N 1 2 3 ROW 25 25 25 E 85838-X52 25 25 25 D 25 25 25 C 42 42 42 4 25 25 25 2 В 85838-X52LF А

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I	2	3	4	
METRAL P/N ROW I 2 3 4 5 6	METRAL P/N ROW I 2 3 4 5 6	METRAL P/N ROW I 2 3 4 5 6	METRAL P/N ROW I 2 3 4 5 6	
85838-X65 E 6 7	85838-X69 E I I I I I I D 2 2 2 2 2 2 2 2	E 3	85838-x77 E I I I I I D 2 2 2 2 2 2 2 2	
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ſ	PRODUCT NUMBER						
-	85838-XYY						
_	85838-XYYLF						
A	NOTES: I. FOR DIM A AND B SEE SHEET 2 AND UP.						A
	BODY MATERIAL: LIQUID CRYSTAL			PLATING	IN CONTACT AREA	NOTES	
	POLYMER 30 % GLASS. FLAME RETARDANT ACC. UL 94-VO.			DASH NUMBER	PERFORMANCE LEVEL	-	
	3. PIN MATERIAL: PHOSPHOR BRONZE.			- A Y Y	TELCORDIA CO (SEE NOTE 9)	-	
	 PLATING ON PRESS-FIT TAIL: 85838-XYY CONTACT AREA CONFORMS TO PERFORMANCE 		(LEAD FREE)	- N I Y Y	TELCORDIA CO (NXT)	-	
	SHOWN IN TABLE BELOW. 5. PRODUCT MARKING:			- N 5 Y Y	TELCORDIA UE (NXT)	-	
	PART NUMBER DESIGNATION & BATCH I 6. ALL PRODUCTS WITH PART NUMBERS SHOWN	. D .		- I Y Y	TELCORDIA CO	-	
	SUBSEQUENT TABLES WILL BE PACKAGED IN IF TRAY PACKAGING IS REQUIRED. A SUFF	TUBES.		- 2 Y Y	TELECOM CLASS	-	
	WILL BE ADDED TO THE END OF THE PART I			- 3 Y Y	IEC CLASS I	-	
В	EXAMPLE: XXXXX-XXXP 7. PRODUCT_SPECIFICATION: GS-12-180			- 5 Y Y	TELCORDIA UE	-	В
	APPLICATION SPECIFICATION: BUS-20-073 (8.) AFTER INSERTION INTO CIRCUIT BOARD WI	ſH		- A Y Y L F	TELCORDIA CO (SEE NOTE 9)	SEE NOTE IO	
	(9.)-A PLATING HAS AU FLASH IN PRESS FIT /	AREA (LEAD FREE).		- NIYYLF	TELCORDIA CO (NXT) IEC CLASS I	SEE NOTE IO	
	\bigcirc			-N5YYLF	TELCORDIA UE (NXT)	SEE NOTE IO	
	THE PRODUCTS WHERE THE PART NUMBER ON	NO IN LE MEET THE		- IYYLF	TELCORDIA CO IEC CLASS I	SEE NOTE IO	
	(10) THE PRODUCTS WHERE THE PART NUMBER EN EUROPEAN UNION DIRECTIVES AND OTHER CO			-2YYLF	TELECOM CLASS	SEE NOTE IO	
	AS DESCRIBED IN GS-22-008.			- 5 Y Y L F	TELCORDIA UE	SEE NOTE IO	
M ″	ALL PRODUCTS EXCEPT THOSE WITH PART NU (DRAWING NO.)-NI OR (DRAWING NO.)-N	5WILL WITHSTAND EXPOSURE	-				
	TO 260°C FOR 60 SECONDS IN A CONVECTIO VAPOR PHASE REFLOW OVEN. PART NUMBERS	(DRAWING NO.)-NI					
С	AND (DRAWINGS NO.)-N5WILL NOT WITHS SURFACE OF THE CONTACTS SHALL BE EXPOS	TAND REFLOW AND AU CONTACT ED TO A MAXIMIM 140°C FOR					C
	NO LONGER THAN 15 SECONDS IN A WAVE SC						
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Co		d ۲ Terran Huang	2010/07/08	projectio	on MM	size	scale
		eng Julia Wang	2012/09/19		1 ' '	A 4	: 0
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