

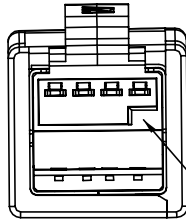


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PRODUCT NUMBER

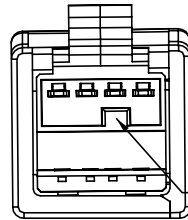
SEE TABLE

12V KEY POSITION
SCALE 1.500



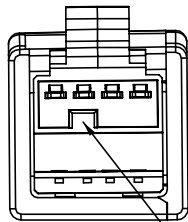
KEY POS. 1

24 KEY POSITION
SCALE 1.500



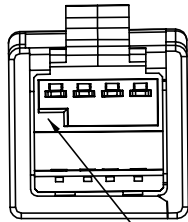
KEY POS. 2

5V KEY POSITION
SCALE 1.500



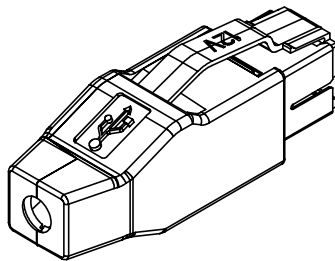
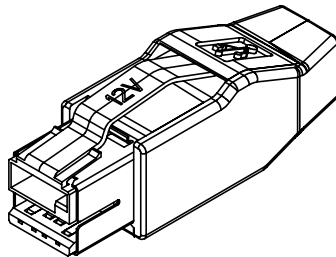
KEY POS. 3

UNASSIGNED KEY
SCALE 1.500



KEY POS. 4

ABOVE ASSEMBLIES ARE SHOWN ONLY FOR
KEY INFORMATION, FOR ASSEMBLY INFORMATION
AND DIMENSIONS SEE PREVIOUS SHEETS



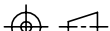
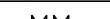
NOTES:

1. CURRENT AS LISTED IS AMPS PER CONTACT WITH ALL CONTACTS POWER;
2. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994;
3. MATING SEQUENCE WHEN MATED WITH USB+POWER RECEPTACLE PRODUCT NUMBER 55917-XXX;
4. PRODUCT NUMBER 74233-XXXLF

LEAD FREE OPTION

- WITH 'LF' SUFFIX, TERMINAL AND SHELL PLATING IS TIN,
WITHOUT 'LF' SUFFIX, TERMINAL AND SHELL PLATING IS TIN/LEAD;
5. PRODUCT SPECIFICATION REFERS TO GS-12-130;
 6. PACKAGE SPECIFICATION REFERS TO GS-14-395;
 7. PACKING STANDARD GS-14-920 WILL BE APPLIED FOR LEAD FREE P/N'S;
 8. FOR LEAD FREE PART NUMBER, THE PRODUCT MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008;
 9. FOR LEAD FREE PART NUMBERS, THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRARED OR VAPOR PHASE REFLOW OVEN;
 10. INSULATION MYLAR MUST COVER WITH ALL TERMINALS AND SOLDERED POINTS ON BOTH TWO SIDES (ONE PIECE EACH SIDE) AFTER SOLDERING AND BEFORE ASSEMBLE SHIELDS, RECOMMENDED DIMENSION OF MYLAR IS $27.00 \pm 0.10 \times 10.00 \pm 0.10 \times 0.10 \pm 0.03$ (LENGTH*WIDTH*THICKNESS), AND IT MUST BE OF HIGH TEMPERATURE RESISTANCE. PLEASE REFER TO THE THE APPLICATION SPEC AS GS-20-043.

CONTACT NUMBER	PRODUCT DASH NUMBER			
	-1XX(X)	-2XX(X)	-3XX(X)	MATING SEQ.
1	VCC	VCC	VCC	2
2	- DATA	- DATA	- DATA	3
3	+ DATA	+ DATA	+ DATA	3
4	GROUND	GROUND	GROUND	2
5	12V GROUND	24V GROUND	5V GROUND	2
6	12V	24V	5V	3
7	12V	24V	5V	3
8	12V GROUND	24V GROUND	5V GROUND	2
SHELL	SHIELD	SHIELD	SHIELD	1

mat'l code				SEE NOTE				tolerances unless otherwise specified				CUSTOMER				FCI www.fciconnect.com				
ltr		ecn no.		dr		date		linear	.X ± 0.3		COPY projection 		title USB+ POWER PLUG KIT ASSEMBLY							
R									.XX ± 0.13											
									.XXX ± 0.05											
								angles	0° ± 2°		 MM		product family				USB		code	
								dr	P. HSU				10/6/97		size		dwg no		sheet 2 of 3	
								engr	R. MACMULLIN				10/6/97		scale 1:1					
								chr	R.MACMULLIN		10/6/97									
								appd	R. MACMULLIN		10/6/97									
sheet		revision																		
Index		sheet																		

A

B

C

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D

A

B

C

D

PRODUCT NUMBER (NOTE 4)	DESCRIPTION	VOLTAGE	PLUG HOUSING COLOR	CABLE OD	CURRENT RATING	COVER COLOR	REMARK
74233-100	KEY POSITION 1	12V	TEAL	5.80±0.25	3 AMPS	GRAY	NON LEAD FREE PART, NOT AVAILABLE
74233-100LF	KEY POSITION 1	12V	TEAL	5.80±0.25	3 AMPS	GRAY	LEAD FREE PART, SUBSTITUTE OF 74233-100
74233-1009LF	KEY POSITION 1	12V	TEAL	5.80±0.25	3 AMPS	BLACK	
74233-101	KEY POSITION 1	12V	TEAL	5.10±0.25	3 AMPS	GRAY	NON LEAD FREE PART, NOT AVAILABLE
74233-101LF	KEY POSITION 1	12V	TEAL	5.10±0.25	3 AMPS	GRAY	LEAD FREE PART, SUBSTITUTE OF 74233-101
74233-1019LF	KEY POSITION 1	12V	TEAL	5.10±0.25	3 AMPS	BLACK	
74233-102	KEY POSITION 1	12V	TEAL	6.60±0.25	3 AMPS	GRAY	NON LEAD FREE PART, NOT AVAILABLE
74233-102LF	KEY POSITION 1	12V	TEAL	6.60±0.25	3 AMPS	GRAY	LEAD FREE PART, SUBSTITUTE OF 74233-102
74233-1029LF	KEY POSITION 1	12V	TEAL	6.60±0.25	3 AMPS	BLACK	
74233-200	KEY POSITION 2	24V	RED	5.80±0.25	3 AMPS	GRAY	NON LEAD FREE PART, NOT AVAILABLE
74233-200LF	KEY POSITION 2	24V	RED	5.80±0.25	3 AMPS	GRAY	LEAD FREE PART, SUBSTITUTE OF 74233-200
74233-2009LF	KEY POSITION 2	24V	RED	5.80±0.25	3 AMPS	BLACK	
74233-201	KEY POSITION 2	24V	RED	5.10±0.25	3 AMPS	GRAY	NON LEAD FREE PART, NOT AVAILABLE
74233-201LF	KEY POSITION 2	24V	RED	5.10±0.25	3 AMPS	GRAY	LEAD FREE PART, SUBSTITUTE OF 74233-201
74233-2019LF	KEY POSITION 2	24V	RED	5.10±0.25	3 AMPS	BLACK	
74233-211	KEY POSITION 2	48V	RED	5.10±0.25	3 AMPS	GRAY	NON LEAD FREE PART, NOT AVAILABLE
74233-211LF	KEY POSITION 2	48V	RED	5.10±0.25	3 AMPS	GRAY	LEAD FREE PART, SUBSTITUTE OF 74233-211
74233-2119LF	KEY POSITION 2	48V	RED	5.10±0.25	3 AMPS	BLACK	
74233-221LF	KEY POSITION 2	48V	RED	5.10±0.25	3 AMPS	GRAY	SPECIAL PART, LATCH BACKWARD 3mm BASE ON 74233-211LF
74233-202	KEY POSITION 2	24V	RED	6.60±0.25	3 AMPS	GRAY	NON LEAD FREE PART, NOT AVAILABLE
74233-202LF	KEY POSITION 2	24V	RED	6.60±0.25	3 AMPS	GRAY	LEAD FREE PART, SUBSTITUTE OF 74233-202
74233-2029LF	KEY POSITION 2	24V	RED	6.60±0.25	3 AMPS	BLACK	
74233-300	KEY POSITION 3	5V	NATURAL	5.80±0.25	3 AMPS	GRAY	NON LEAD FREE PART, NOT AVAILABLE
74233-300LF	KEY POSITION 3	5V	NATURAL	5.80±0.25	3 AMPS	GRAY	LEAD FREE PART, SUBSTITUTE OF 74233-300
74233-3009LF	KEY POSITION 3	5V	NATURAL	5.80±0.25	3 AMPS	BLACK	
74233-301	KEY POSITION 3	5V	NATURAL	5.10±0.25	3 AMPS	GRAY	NON LEAD FREE PART, NOT AVAILABLE
74233-301LF	KEY POSITION 3	5V	NATURAL	5.10±0.25	3 AMPS	GRAY	LEAD FREE PART, SUBSTITUTE OF 74233-301
74233-3019LF	KEY POSITION 3	5V	NATURAL	5.10±0.25	3 AMPS	BLACK	
74233-302	KEY POSITION 3	5V	NATURAL	6.60±0.25	3 AMPS	GRAY	NON LEAD FREE PART, NOT AVAILABLE
74233-302LF	KEY POSITION 3	5V	NATURAL	6.60±0.25	3 AMPS	GRAY	LEAD FREE PART, SUBSTITUTE OF 74233-302
74233-3029LF	KEY POSITION 3	5V	NATURAL	6.60±0.25	3 AMPS	BLACK	

mat'l code				SEE NOTE		tolerances unless otherwise specified		CUSTOMER		FCI	
ltr	ecn no.	dr	date					COPY		www.fciconnect.com	
R				linear		.X ± 0.3		projection		title USB+ POWER PLUG KIT ASSEMBLY	
						.XX ± 0.13					
				angles		.XXX ±0.05					
						0° ±2°		MM		product family	USB
				dr	P. HSU	10/6/97		scale		size	dwg no
				engr	R. MACMULLIN	10/6/97		1:1		A4	74233
				chr	R. MACMULLIN	10/6/97					sheet
				appd	R. MACMULLIN	10/6/97					3 of 3
sheet	revision										
index	sheet										