

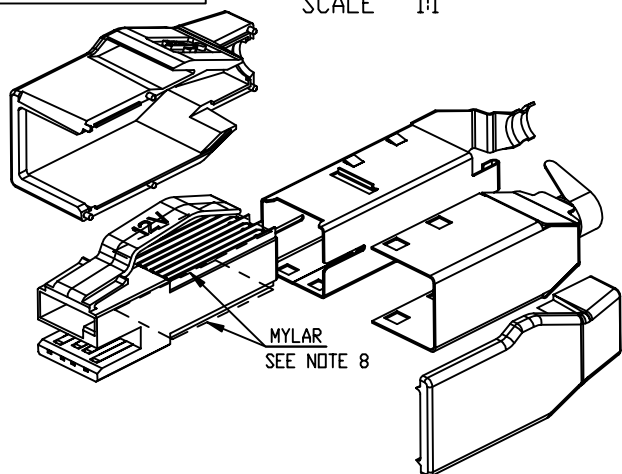
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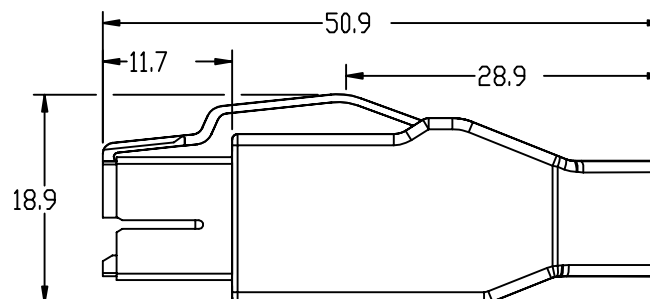
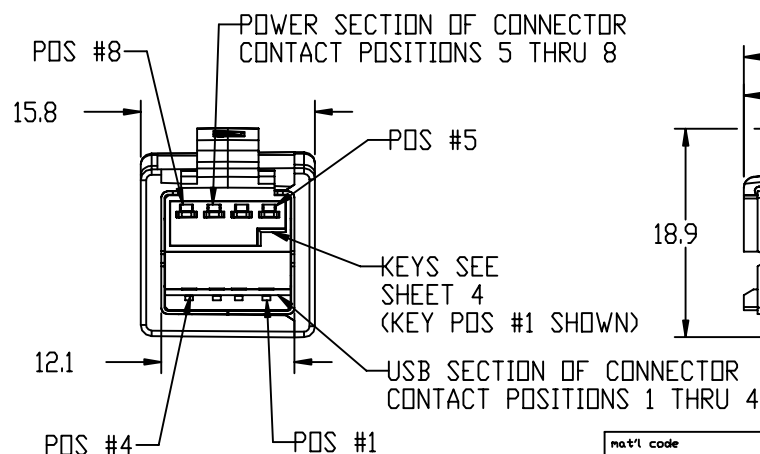
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PRODUCT NUMBER
SEE TABLE

KIT PARTS
SCALE 1:1



12 VOLT KEY POSITION SHOWN SEE ADDITIONAL
SHEETS FOR OTHER KEYING OPTIONS



MATERIALS	SPECIFICATIONS
SHELLS	HIGH STRENGTH COPPER ALLOY
HOUSINGS	THERMOPLASTIC UL94V-0 RATED
TERMINALS	HIGH STRENGTH COPPER ALLOY
COVERS	THERMOPLASTIC UL94V-0 RATED PEBBLE GRAY
PLATING	
SHELL	UNDERPLATE; 40 MICROINCHES NI 100 MICROINCHES MIN TIN/LEAD OR BRIGHT TIN (NOTE 4)
TERMINALS	UNDERPLATE; 40 MICROINCHES NI CONTACT AREA; 30 MICROINCHES GXT TAIL AREA; 100 MICROINCHES TIN/LEAD OR MATTED TIN (NOTE 4)
ELECTRICAL	
VOLTAGE RATING	USB;5.25VDC,+POWER;12VDC,24VDC,5VDC
DIELECTRIC WITHSTANDING VOLTAGE	750 VAC
INSUL. RESISTANCE	1000 MEG OHMS AT 500 VDC
CURRENT RATING(NOTE 1)	1.50A USB SECTION 3.00A POWER SECTION

MATERIAL CODE				SEE TABLE		TOLERANCES UNLESS OTHERWISE SPECIFIED		CUSTOMER		FCI		
lir	ecr no.	dr	date	linear		.X ± .3		copy		www.fciconnect.com		
J	N04-0069	PH	10/18/04			.XX ± .13		projection		title USB+POWER PLUG KIT ASSEMBLY		
K	N05-0255	PH	09/09/05			.XXX ± .051						
L	N08-0122	Bobby S	06/16/08	angles		0° ± 2°				product family USB code		
F	V02279	RJR	12/19/00	dr	P. HSU	10/6/97		MM		size		
G	T03-0023	WL	01/24/03	enr	R. MACMULLIN	10/6/97		scale		dwg no		
H	T04-0099	WL	03/05/04	chr	R. MACMULLIN	10/6/97		1:1		74233		
				appd	R. MACMULLIN	10/6/97				213		
sheet	revision									1 of 3		
index	sheet											

cage code											
22526											

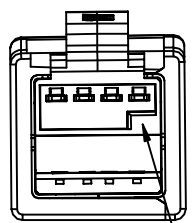
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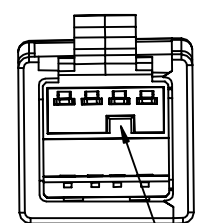
PRODUCT NUMBER
SEE TABLE

12V KEY POSITION
SCALE 3:2



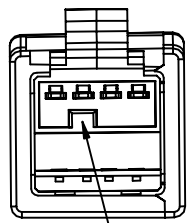
KEY POS. 1

24 KEY POSITION
SCALE 3:2



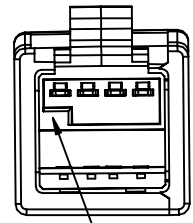
KEY POS. 2

5V KEY POSITION
SCALE 3:2



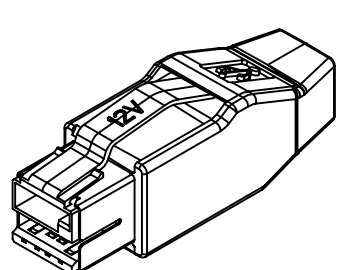
KEY POS. 3

UNASSIGNED KEY
SCALE 3:2

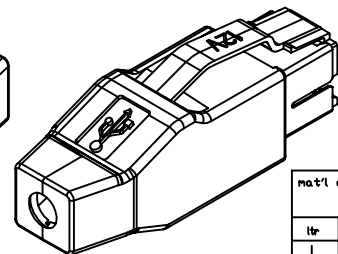


KEY POS. 4

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



SCALE 1:1



SCALE 1:1

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-XXX LF
LEAD FREE OPTION
WITH "LF" MARK, TERMINAL AND SHELL PLATING IS TIN
WITHOUT "LF" MARK, TERMINAL AND SHELL PLATING IS TIN/LEAD
5. PACKING STANDARD GS-14-920 WILL BE APPLIED FOR LEAD FREE P/N'S
6. FOR LEAD FREE P/N, THE PRODUCT MEET EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008
7. FOR LEAD FREE P/N, THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 40 SECONDS IN A CONVECTION, INFRARED OR VAPOR PHASE REFLOW OVEN.
8. INSULATION MYLAR MUST COVER WITH ALL TERMINALS AND SOLDERED POINTS ON BOTH TWO SIDES (ONE PIECE ON EACH SIDE) AFTER SOLDERING AND BEFORE ASSEMBLE SHIELDS. THE RECOMMENDED DIMENSION OF MYLAR IS 10.00+/-0.10mm WIDTH , 27.00+/-0.10mm LENGTH, 0.10+/-0.03mm THICKNESS, AND IT MUST BE OF HIGH TEMPERATURE RESISTANCE.

nat'l code				SEE TABLE		tolerances unless otherwise specified		CUSTOMER		FCI			
lir	ecm no.	dr	date	linear		.X ± .3		CDPY		www.fciconnect.com			
L						.XX ± .13		projection		title USB+POWER PLUG KIT ASSEMBLY			
						.XXX ± .051							
				angles		0° ± 2°				product family			
				dr	P. HSU	10/6/97		MM		USB			
				enr	R. MACMULLIN	10/6/97				size		213	
				chr	R. MACMULLIN	10/6/97		scale		dwg no		74233	sheet
				appd	R. MACMULLIN	10/6/97		2:1	A			2 of 3	
sheet	revision												
index	sheet												

Pro/E

cage code
22526

PDM: Rev:L

STATUS Released

Printed: Oct 21, 2008



PRODUCT NUMBER(NOTE 4)	DESCRIPTION	VOLTAGE	COLOR	CABLE OD	CURRENT RATING	REMARK
74233-100	KEY POSITION 1	12V	TEAL	5.80±0.25	3 AMPS	NON LEAD FREE PART , NOT AVAILABLE
74233-100LF	KEY POSITION 1	12V	TEAL	5.80±0.25	3 AMPS	LEAD FREE PART, SUBSTITUTE OF 74233-100
74233-101	KEY POSITION 1	12V	TEAL	5.10±0.25	3 AMPS	NON LEAD FREE PART , NOT AVAILABLE
74233-101LF	KEY POSITION 1	12V	TEAL	5.10±0.25	3 AMPS	LEAD FREE PART, SUBSTITUTE OF 74233-101
74233-102	KEY POSITION 1	12V	TEAL	6.60±0.25	3 AMPS	NON LEAD FREE PART , NOT AVAILABLE
74233-102LF	KEY POSITION 1	12V	TEAL	6.60±0.25	3 AMPS	LEAD FREE PART, SUBSTITUTE OF 74233-102
74233-200	KEY POSITION 2	24V	RED	5.80±0.25	3 AMPS	NON LEAD FREE PART , NOT AVAILABLE
74233-200LF	KEY POSITION 2	24V	RED	5.80±0.25	3 AMPS	LEAD FREE PART, SUBSTITUTE OF 74233-200
74233-201	KEY POSITION 2	24V	RED	5.10±0.25	3 AMPS	NON LEAD FREE PART , NOT AVAILABLE
74233-201LF	KEY POSITION 2	24V	RED	5.10±0.25	3 AMPS	LEAD FREE PART, SUBSTITUTE OF 74233-201
74233-211	KEY POSITION 2	48V	RED	5.10±0.25	3 AMPS	NON LEAD FREE PART , NOT AVAILABLE
74233-211LF	KEY POSITION 2	48V	RED	5.10±0.25	3 AMPS	LEAD FREE PART, SUBSTITUTE OF 74233-211
74233-202	KEY POSITION 2	24V	RED	6.60±0.25	3 AMPS	NON LEAD FREE PART , NOT AVAILABLE
74233-202LF	KEY POSITION 2	24V	RED	6.60±0.25	3 AMPS	LEAD FREE PART, SUBSTITUTE OF 74233-202
74233-300	KEY POSITION 3	5V	*NATURAL	5.80±0.25	3 AMPS	NON LEAD FREE PART , NOT AVAILABLE
74233-300LF	KEY POSITION 3	5V	*NATURAL	5.80±0.25	3 AMPS	LEAD FREE PART, SUBSTITUTE OF 74233-300
74233-301	KEY POSITION 3	5V	*NATURAL	5.10±0.25	3 AMPS	NON LEAD FREE PART , NOT AVAILABLE
74233-301LF	KEY POSITION 3	5V	*NATURAL	5.10±0.25	3 AMPS	LEAD FREE PART, SUBSTITUTE OF 74233-301
74233-302	KEY POSITION 3	5V	*NATURAL	6.60±0.25	3 AMPS	NON LEAD FREE PART , NOT AVAILABLE
74233-302LF	KEY POSITION 3	5V	*NATURAL	6.60±0.25	3 AMPS	LEAD FREE PART, SUBSTITUTE OF 74233-302

CONTACT NUMBER	PRODUCT DASH NUMBER			
	-1XX	-2XX	-3XX	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

* NATURAL COLOR IS CREAM OFF WHITE

nat'l code				SEE TABLE				tolerances unless otherwise specified				CUSTOMER		 www.fciconnect.com	
lir	ecn no.	dr	date	linear	.X ± .3			COPY		 projection		title USB+POWER PLUG KIT ASSEMBLY			
L					.XX ± .13									 MM	
				angles	.XXX ±.051					size A		dwg no 74233			
				dr	0° ±2°									sheet index	
				engr	P. HSU 10/6/97					cage code 22526		4			
				chr	R. MACMULLIN 10/6/97									3 of 3	
				appd	R. MACMULLIN 10/6/97										

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