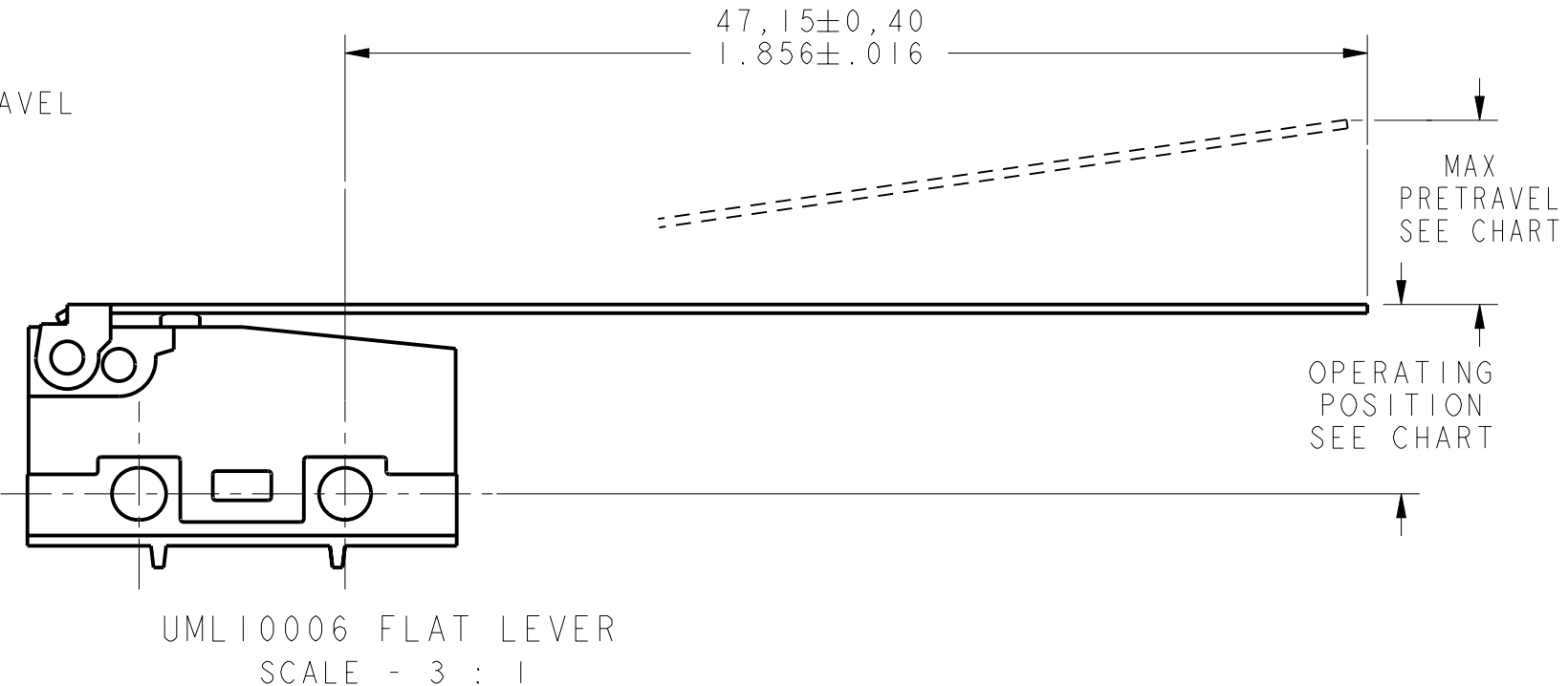
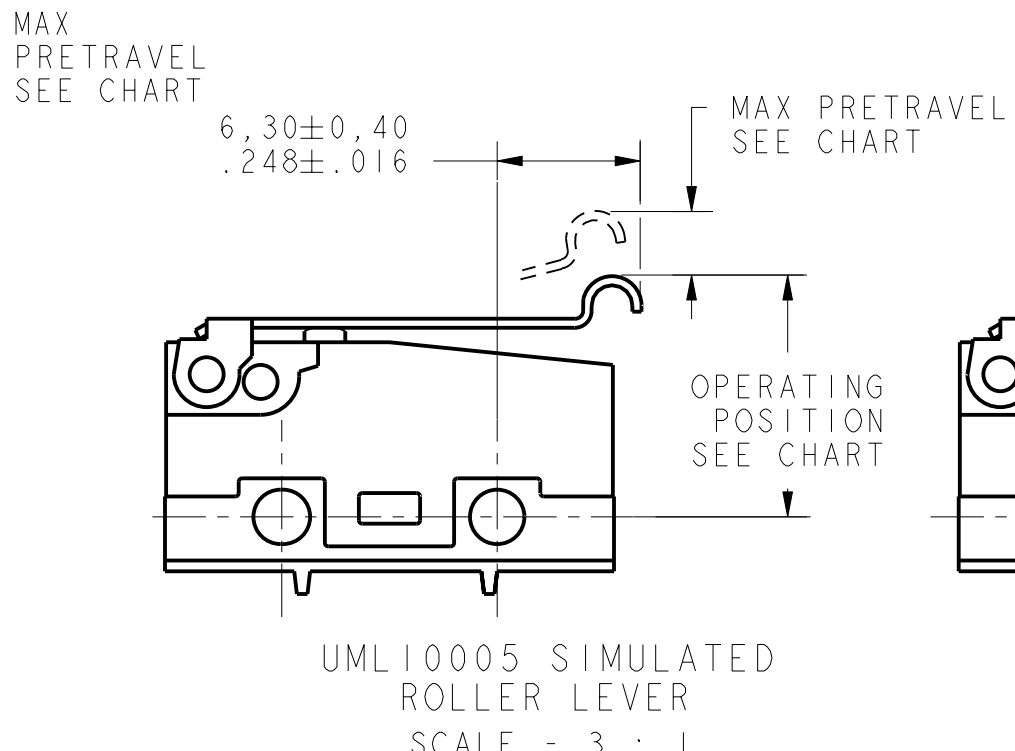
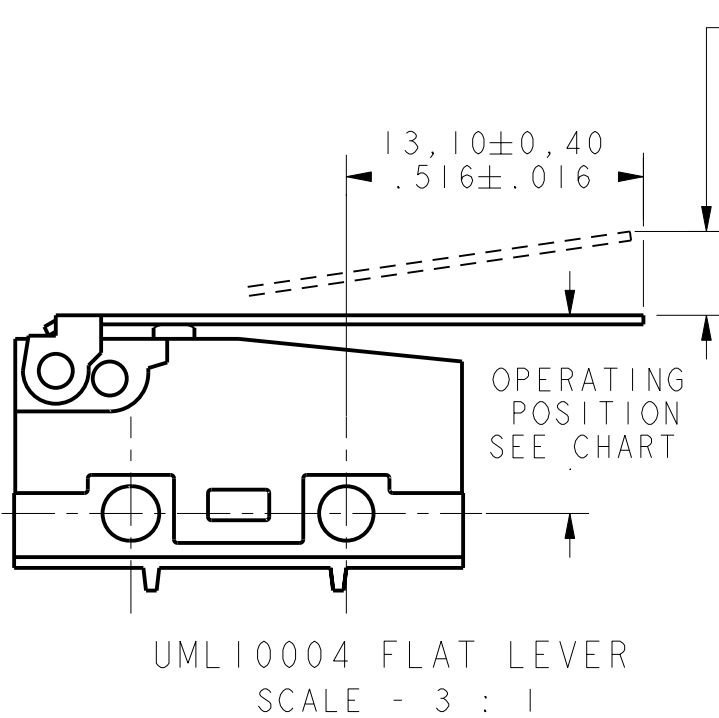
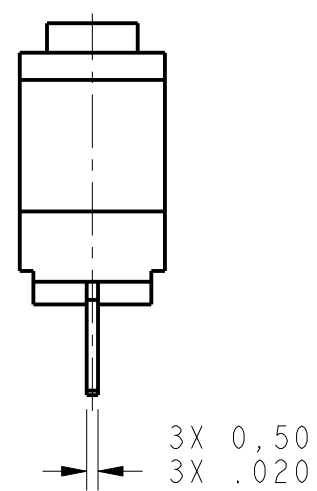
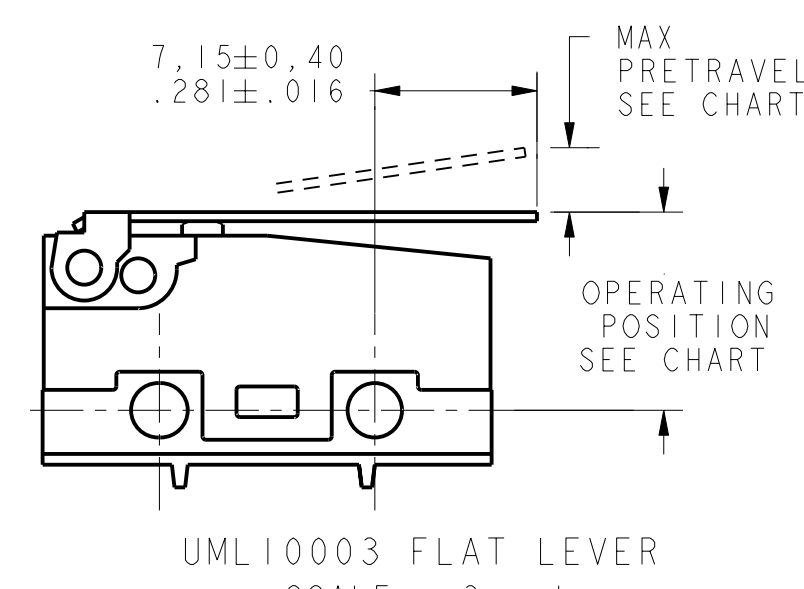
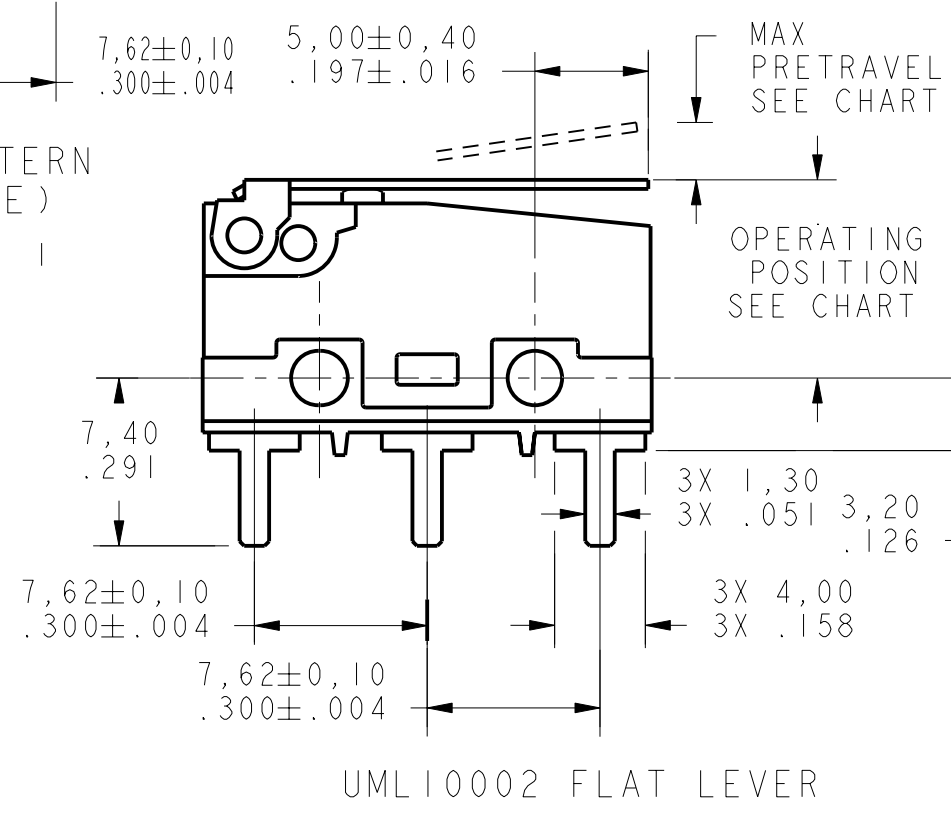
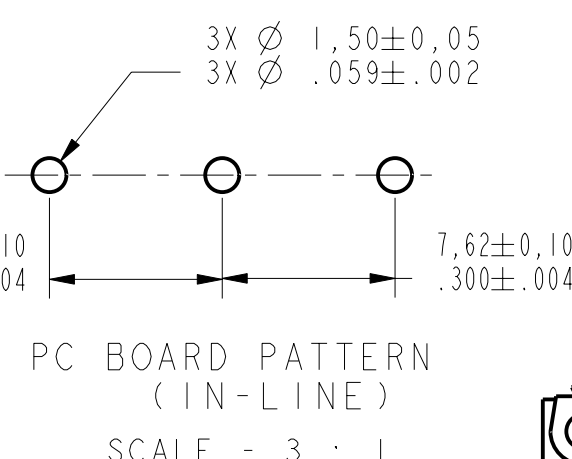
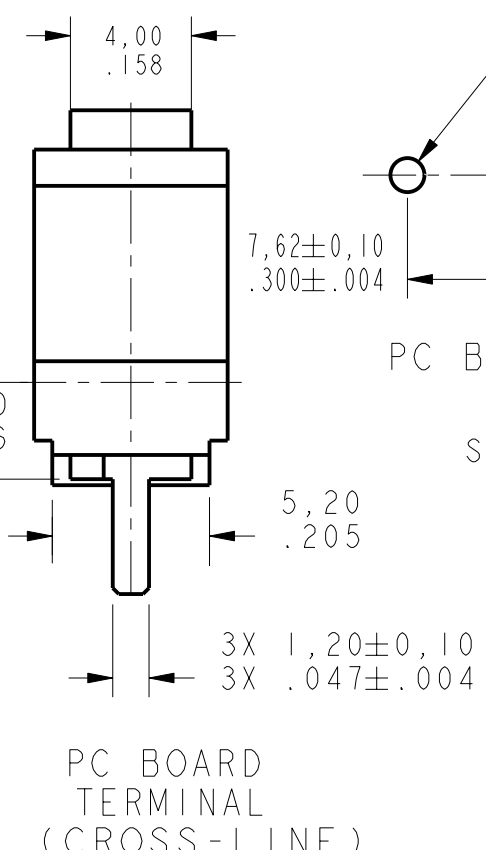
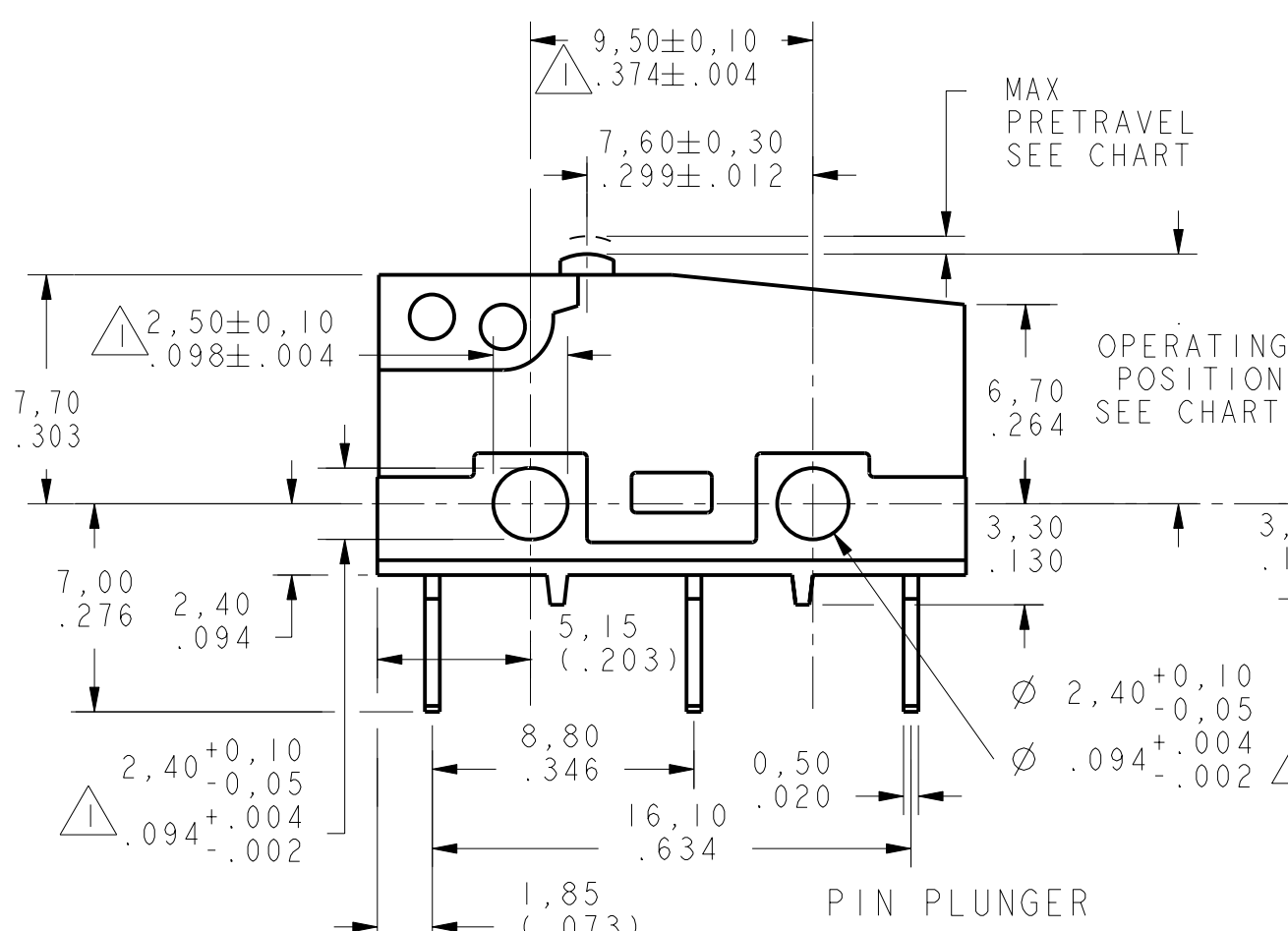
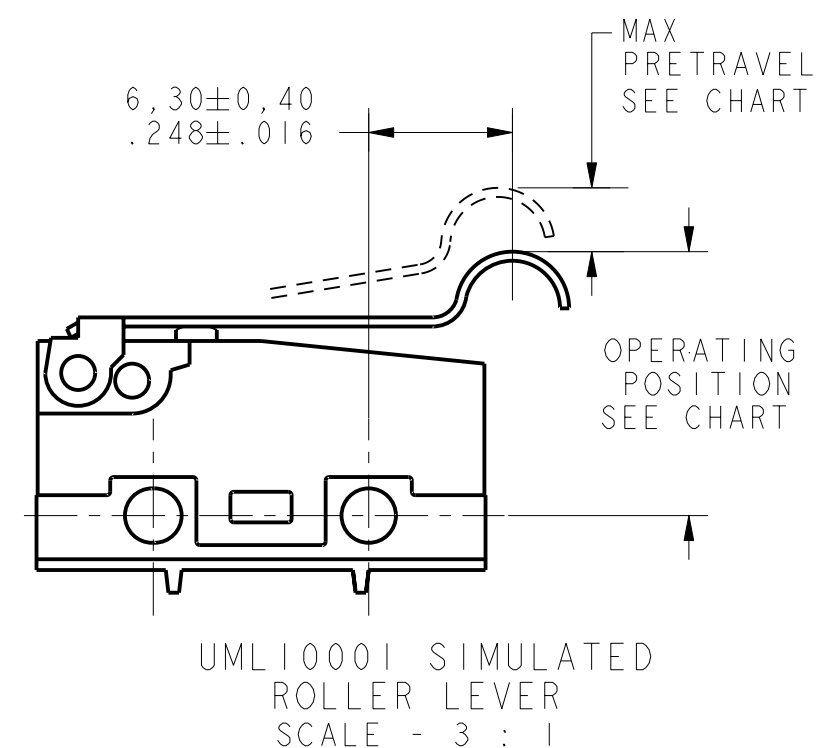
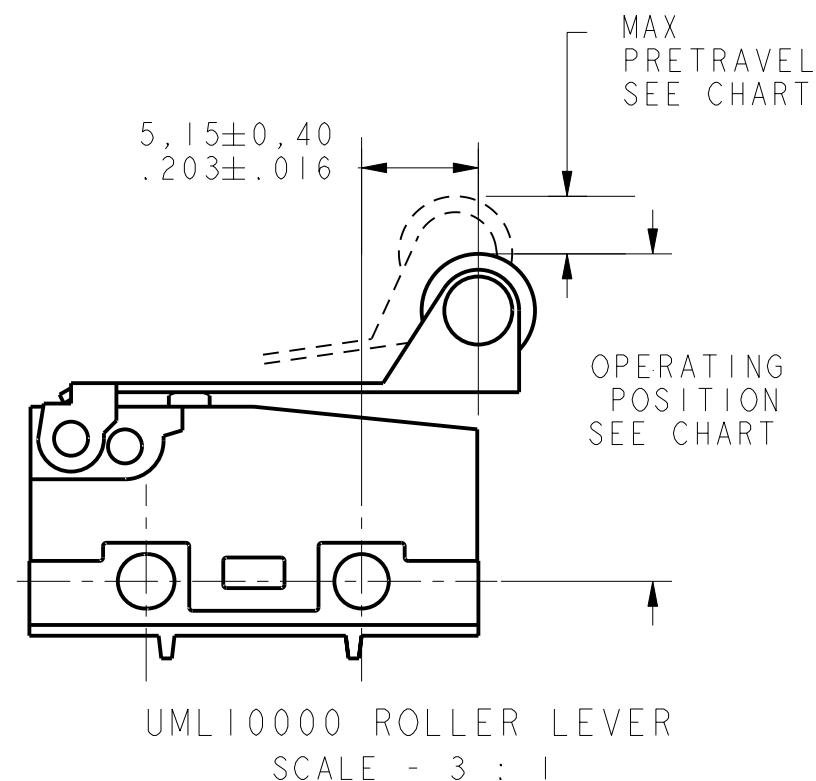
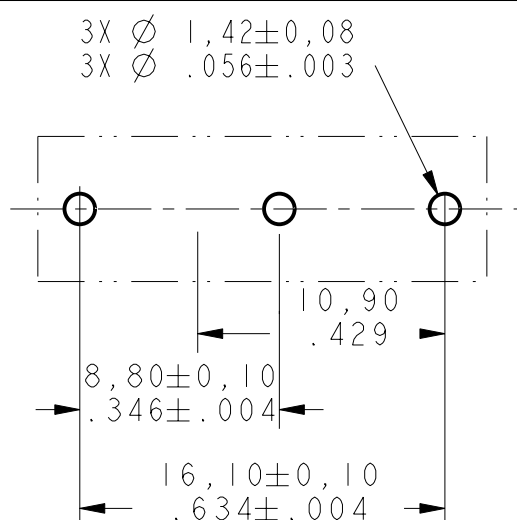
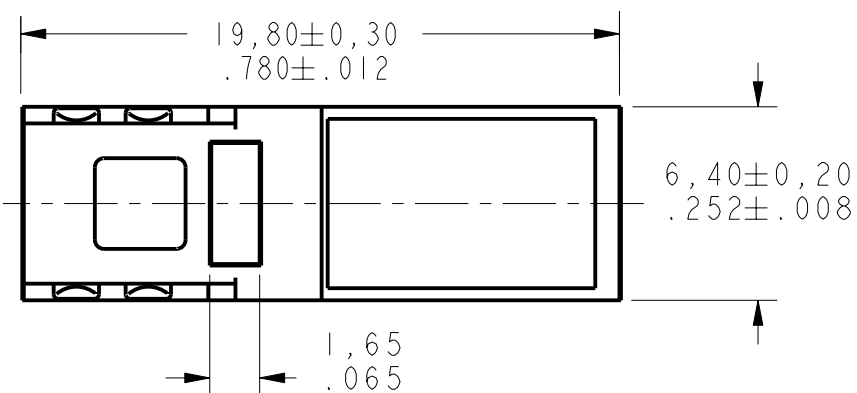




2158 4275.5-4401-1700/A1
9222145
E 12252
LR23413-167M

LISTING PREFIX ELECTRICAL RATING

CE UM50 5A 250 VAC
UM40 3A 250 VAC
UM10 1A 250 VAC

ANSI Y14.5M-1982 APPLIES

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MICRO SWITCH
a Honeywell Division

SWITCH - BASIC

CATALOG LISTING

THIRD ANGLE PROJECTION			
SCALE 4 : 1			
DO NOT SCALE PRINT			
TOLERANCES			
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE :			
DIM.	TOL.	DIM.	TOL.
mm	mm/100	in	mm/100
NO PLACES	X	1/2, 04	X, X
ONE PLACE	X, X	0.47, 016	X, XX
TWO PLACES	X, XX	0.157, 006	X, XXX
THREE PLACES	X, XXX		
ANGLES			
SI METRIC		US CUSTOMARY	
DESIGN UNITS		WEIGHT	

UM SERIES CHART 2

REPLACES

RELEASE NO. PR-19771

PAGE 1 OF 2

DRAWING NUMBER

11

ISSUE

REVISIONS

A C094774 TSM 13 JUL 99

B PR24222 TSM 16 AUG 99

C 207532 C S 3 MAR 03

D 207615 C S 10 MAR 03

PTC/CAD 2D

TSM 13 JUL 99

JAF

13 JUL 99

NOTES

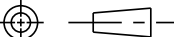
1 MOUNTING HOLES WILL ACCEPT PINS OR SCREWS OF Ø2.21/Ø.087 MAX ON 9.50±0.05/.374±.002 CENTERS

2 - TERMINALS ARE PLATED FOR SOLDERING

3 - SWITCH WILL WITHSTAND A TEMPERATURE OF 82.2°C/180°F

SWITCH TYPE	ACTUATOR TYPE	PRINTED CIRCUIT BOARD TERMINALS (CROSS-LINE)		PRINTED CIRCUIT BOARD TERMINALS (IN-LINE)		CHARACTERISTICS						
		SILVER ALLOY	GOLD-CLAD TRIPLE LAYER	SILVER ALLOY	GOLD-CLAD TRIPLE LAYER	OPERATING FORCE MAX	RELEASE FORCE MIN	PRETRAVEL MAX	DIFFERENTIAL TRAVEL MAX	OVER TRAVEL MIN	OPERATING POSITION	
						grams OUNCES	grams OUNCES	mm INCHES	mm INCHES	mm INCHES	mm INCHES	
STANDARD VERSION	PIN PLUNGER	-----	(A)	-----	(A)	25 .882	2 .071	0,60 .024	0,10 .004	0,40 .016	8,40±0,30 .331±.012	
		(A)	(A)	UM40B40A01	UM10B40A01	50 1.764	7.5 .265	0,60 .024	0,10 .004	0,40 .016	8,40±0,30 .331±.012	
		(A)	(A)	(D)	(C)	100 3.527	15 .529	0,60 .024	0,10 .004	0,40 .016	8,40±0,30 .331±.012	
	UML10000 ROLLER LEVER	(A)	(A)	UM40B40F01	UM10B40F01	20 .705	1.7 .060	2,50 .098	0,50 .020	0,80 .031	14,50±0,80 .571±.031	
		(A)	(A)	(C)	(C)	40 1.411	3.5 .123	2,50 .098	0,50 .020	0,80 .031	14,50±0,80 .571±.031	
	UML10001 SIMULATED ROLLER LEVER	(A)	(A)	UM40B40E01	UM10B40E01	16 .564	1.5 .053	2,80 .110	0,80 .031	1,20 .047	11,65±0,80 .459±.031	
		(A)	(A)	(C)	(C)	35 1.234	3 .106	2,80 .110	0,80 .031	1,20 .047	11,65±0,80 .459±.031	
	UML10002 FLAT LEVER	-----	(A)	-----	(A)	10 .353	4 .140	2,50 .098	0,50 .020	0,80 .031	8,80±0,80 .346±.031	
		(A)	(A)	UM40B40B01	UM10B40B01	20 .705	1.7 .060	2,50 .098	0,50 .020	0,80 .031	8,80±0,80 .346±.031	
		(A)	(A)	(C)	(C)	40 1.411	3.5 .123	2,50 .098	0,50 .020	0,80 .031	8,80±0,80 .346±.031	
	UML10003 FLAT LEVER	-----	(A)	-----	(A)	8 .282	0.35 .012	2,80 .110	0,80 .031	1,20 .047	8,80±0,80 .346±.031	
		(A)	(A)	UM40B40C01	UM10B40C01	16 .564	1.5 .053	2,80 .110	0,80 .031	1,20 .047	8,80±0,80 .346±.031	
		(A)	(A)	(C)	(C)	35 1.234	3 .106	2,80 .110	0,80 .031	1,20 .047	8,80±0,80 .346±.031	
	UML10004 FLAT LEVER	(A)	(A)	UM40B40D01	UM10B40D01	12 .423	1.2 .042	3,50 .138	1,00 .039	1,60 .063	8,80±1,20 .346±.047	
		(A)	UM10D20D01	(C)	(C)	25 .882	2.5 .088	3,50 .138	1,00 .039	1,60 .063	8,80±1,20 .346±.047	
	UML10005 SIMULATED ROLLER LEVER	(A)	(A)	(A)	(A)	16 .564	1.5 .053	2,80 .110	0,80 .031	1,20 .047	10,70±0,80 .421±.031	
		(A)	(A)	(A)	(A)	35 1.234	3 .106	2,80 .110	0,80 .031	1,20 .047	10,70±0,80 .421±.031	
	UML10006 FLAT LEVER	(A)	(A)	UM40B40J01	(A)	6 .211	0.5 .018	8,50 .334	2,50 .098	2,20 .087	8,80±2,40 .346±.094	
		(A)	(A)	(A)	(A)	15 .529	1.0 .036	8,50 .334	2,50 .098	2,20 .087	8,80±2,40 .346±.094	
	LONG LIFE VERSION	PIN PLUNGER	(A)	UM10E20A01	UM50E40A01	UM10E40A01	150 5.291	20 .705	0,60 .024	0,10 .004	0,40 .016	8,40±0,30 .331±.012
		UML10000 ROLLER LEVER	(A)	(A)	(C)	UM10E40F01	60 2.116	4.0 .141	2,50 .098	0,50 .020	0,80 .031	14,50±0,80 .571±.031
		UML10001 SIM ROLLER LEVER	(A)	(A)	UM50E40E01	UM10E40E01	55 1.940	3.5 .123	2,80 .110	0,80 .031	1,20 .047	11,65±0,80 .459±.031
		UML10002 FLAT LEVER	(A)	(A)	(C)	UM10E40B01	60 2.116	4.0 .141	2,50 .098	0,50 .020	0,80 .031	8,80±0,80 .346±.031
		UML10003 FLAT LEVER	(A)	(A)	(C)	UM10E40C01	55 1.940	3.5 .123	2,80 .110	0,80 .031	1,20 .047	8,80±0,80 .346±.031
UML10004 FLAT LEVER		(A)	(A)	UM50E40D01	UM10E40D01	45 1.587	3.0 .106	3,50 .138	1,00 .039	1,60 .063	8,80±1,20 .346±.047	
UML10005 SIM ROLLER LEVER		(A)	(A)	(A)	(A)	55 1.940	3.5 .123	2,80 .110	0,80 .031	1,20 .047	10,70±0,80 .421±.031	
UML10006 FLAT LEVER		(A)	(A)	(A)	(A)	20 .705	1.0 .036	8,50 .334	2,50 .098	2,20 .087	8,80±2,40 .346±.094	

[illegible]

THIRD ANGLE PROJECTION			
			
SCALE	NONE		
DO NOT SCALE PRINT			
TOLERANCES			
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE :			
	DIM mm	TOL mm / i / s	
NO PLACES	X	1 / .04	X, X
ONE PLACE	X, X	0.4 / .016	X, XX
TWO PLACES	X, XX	0.15 / .008	X, XXX
THREE PLACES			
ANGLES			
SI METRIC		US CUSTOMARY	
			
DESIGN UNITS			
WEIGHT			

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