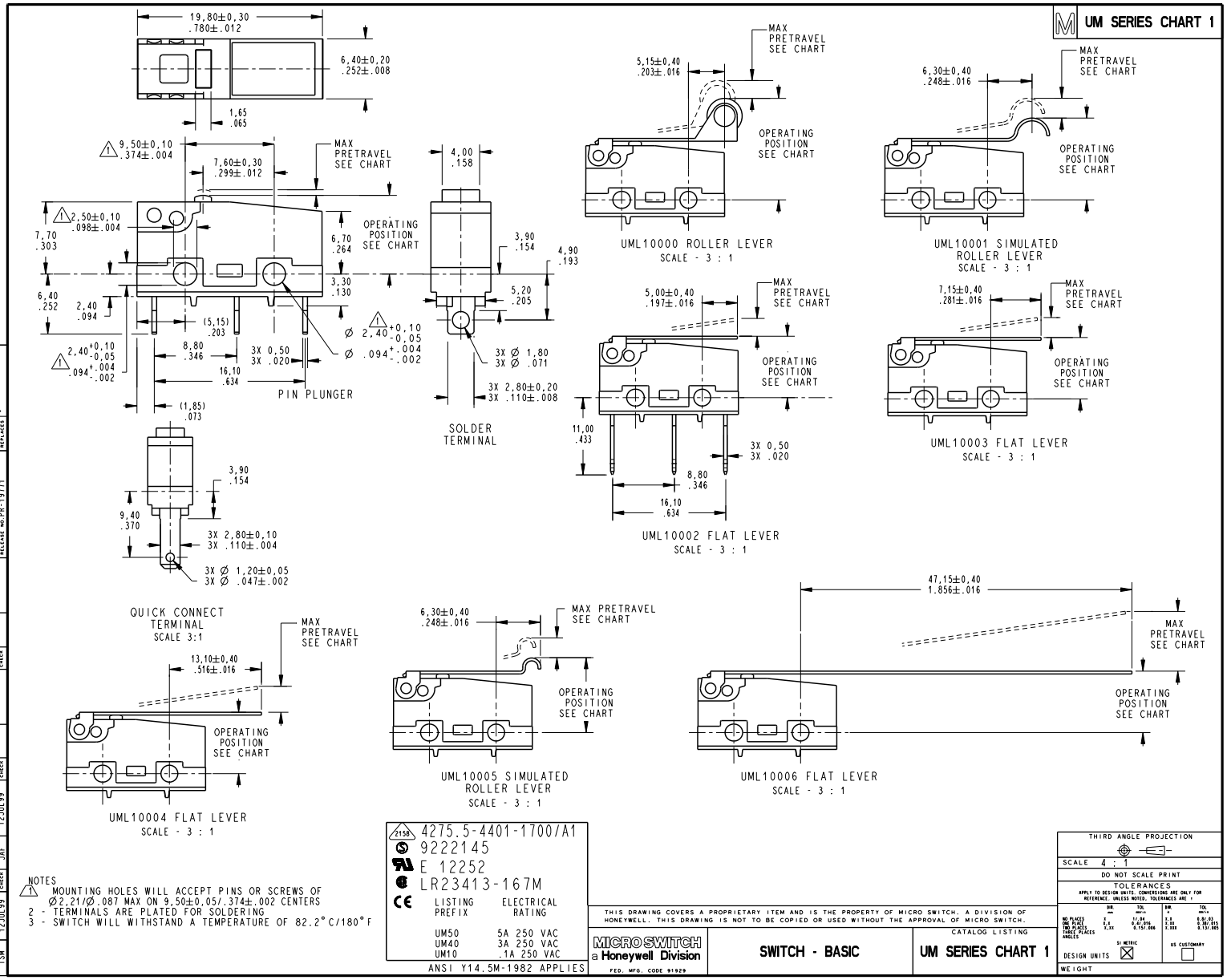

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UM SERIES CHART 1

SWITCH TYPE	ACTUATOR TYPE	SOLDER TERMINALS		.110 QUICK CONNECT TERMINALS		CHARACTERISTICS					
		SILVER ALLOY	GOLD-CLAD TRIPLE LAYER	SILVER ALLOY	GOLD-CLAD TRIPLE LAYER	OPERATING FORCE MAX	RELEASE FORCE MIX	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	------	UM10A70A01	25 .882	2 .071	0,60 .024	0,10 .004	0,40 .016	8,40±0,30 .331±.012
		UM40B10A01	UM10B10A01	UM40B70A01	UM10B70A01	50 1.764	7,5 .265	0,60 .024	0,10 .004	0,40 .016	8,40±0,30 .331±.012
		UM40D10A01	UM10D10A01	D	UM10D70A01	100 3.527	15 .529	0,60 .024	0,10 .004	0,40 .016	8,40±0,30 .331±.012
	UML 10000 ROLLER LEVER	UM40B10F01	B	D	UM10B70F01	20 .705	1,7 .060	2,50 .098	0,50 .020	0,80 .031	14,50±0,80 .571±.031
		D	UM10D10F01	D	UM10D70F01	40 1.411	3,5 .123	2,50 .098	0,50 .020	0,80 .031	14,50±0,80 .571±.031
	UML 10001 SIMULATED ROLLER LEVER	UM40B10E01	B	D	UM10B70E01	16 .564	1,5 .053	2,80 .110	0,80 .031	1,20 .047	11,65±0,80 .459±.031
		D	UM10D10E01	D	UM10D70E01	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
		UM40B10B01	B	UM40B70B01	B	20 .705	1,7 .060	2,50 .098	0,50 .020	0,80 .031	8,80±0,80 .346±.031
		UM40D10B01	B	D	D	40 1.411	3,5 .123	2,50 .098	0,50 .020	0,80 .031	8,80±0,80 .346±.031
	UML 10003 FLAT LEVER	------	A	------	UM10A70C01	8 .282	0,35 .012	2,80 .110	0,80 .031	1,20 .047	8,80±0,80 .346±.031
		D	B	D	B	16 .564	1,5 .053	2,80 .110	0,80 .031	1,20 .047	8,80±0,80 .346±.031
		D	UM10D10C01	UM40D70C01	D	35 1.234	3 .106	2,80 .110	0,80 .031	1,20 .047	8,80±0,80 .346±.031
	UML 10004 FLAT LEVER	UM40B10D01	B	UM40B70D01	B	12 .423	1,2 .042	3,50 .138	1,00 .039	1,60 .063	8,80±1,20 .346±.047
		D	D	D	UM10D70D01	25 .882	2,5 .088	3,50 .138	1,00 .039	1,60 .063	8,80±1,20 .346±.047
	UML 10005 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
	UML 10006 FLAT LEVER	UM40B10J01	UM10B10J01	A	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	UM50E10A01	UM10E10A01	UM50E70A01	UM10E70A01	150 5.291	20 .705	0,60 .024	0,10 .004	0,40 .016	8,40±0,30 .331±.012
	UML10001 SIM ROLLER LEVER	UM50E10E01	UM10E10E01	UM50E70E01	UM10E70E01	55 1.940	3,5 .123	2,80 .110	0,80 .031	1,20 .047	11,65±0,80 .459±.031
	UML10000 ROLLER LEVER	UM50E10F01	UM10E10F01	UM50E70F01	D	60 2.116	4,0 .141	2,50 .098	0,50 .020	0,80 .031	14,50±0,80 .571±.031
	UML10002 FLAT LEVER	UM50E10B01	UM10E10B01	UM50E70B01	D	60 2.116	4,0 .141	2,50 .098	0,50 .020	0,80 .031	8,80±0,80 .346±.031
	UML10003 FLAT LEVER	UM50E10C01	UM10E10C01	UM50E70C01	UM10E70C01	55 1.940	3,5 .123	2,80 .110	0,80 .031	1,20 .047	8,80±0,80 .346±.031
	UML10004 FLAT LEVER	UM50E10D01	UM10E10D01	UM50E70D01	UM10E70D01	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	UM10E70H01	55 1.940	3,5 .123	2,80 .110	0,80 .031	1,20 .047	10,70±0,80 .421±.031
	UML10006 FLAT LEVER	UM50E10J01	A	A	UM10E70J01	20 .705	1,0 .036	8,50 .334	2,50 .098	2,20 .087	8,80±2,40 .346±.094

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CATALOG LISTING
SWITCH - BASIC
UM SERIES CHART 1

THIRD ANGLE PROJECTION
SCALE NONE
DO NOT SCALE PRINT
TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±

	NR mm	TOL mm	NR in	TOL in
NO PLACES	2	1/,04	1.1	0.01/.03
ONE PLACE	2.3	0.4/.016	2.34	0.10/.015
TWO PLACES	2.32	0.15/.006	2.328	0.13/.005
THREE PLACES				
ANGLES				

SI METRIC ☒ US CUSTOMARY ☐
DESIGN UNITS
WEIGHT

PTC/CAD 2D
DRAWN TSM 12JUL99
CHECK JAF 12JUL99
CHECK
CHECK
CHECK
REVISIONS
A C094774 TSM JUL99
B 207494 GLB SEP003
C 207587 C S T 5 MAR 03
D 207632 TSM 12MAR03
E 0000545 C S T 16 JUN 03
ISSUE 12
DRAWING NUMBER UM SERIES CHART 1
RELEASE NO PR-19771 PAGE 2 OF 2
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