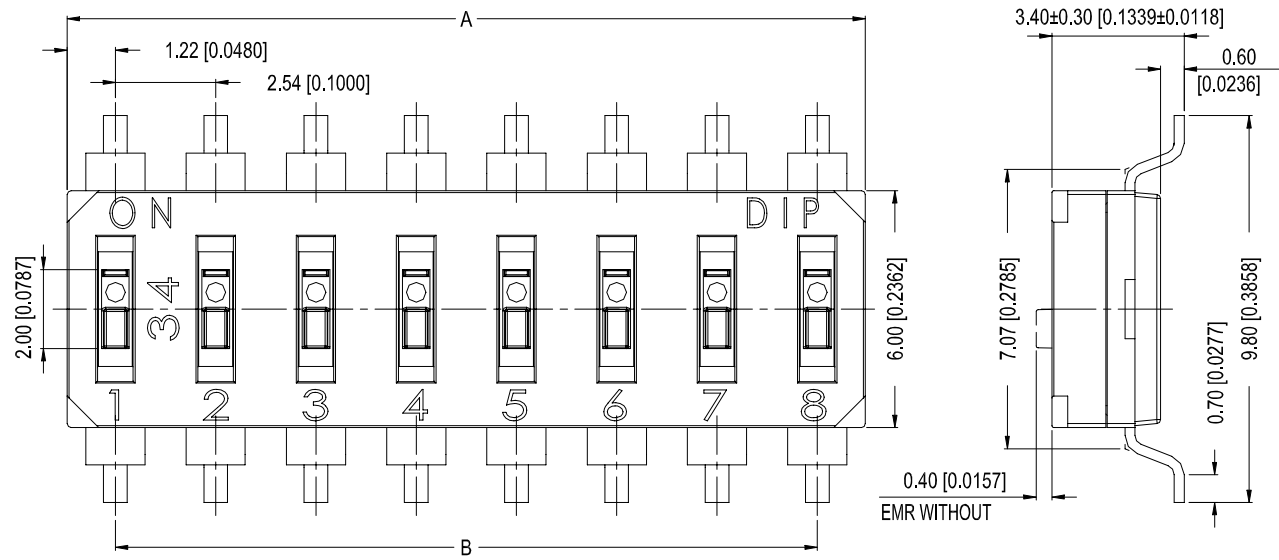


EM(R)&EI(R) SERIES

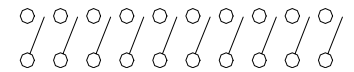
DIMENSIONS

EM(R)

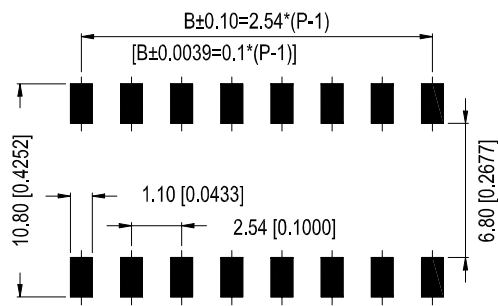


EM(R)-10	10	25.3[.996]	22.86[.900]
EI(R)-10	10	25.3[.996]	22.86[.900]
EM(R)-08	8	20.22[.796]	17.78[.700]
EI(R)-08	8	20.22[.796]	17.78[.700]
EM(R)-06	6	15.14[.596]	12.70[.500]
EI(R)-06	6	15.14[.596]	12.70[.500]
EM(R)-04	4	10.06[.396]	7.62[.300]
EI(R)-04	4	10.06[.396]	7.62[.300]
EM(R)-03	3	7.52[.296]	5.08[.200]
EI(R)-03	3	7.52[.296]	5.08[.200]
EM(R)-02	2	4.96[.196]	2.54[.100]
EI(R)-02	2	4.96[.196]	2.54[.100]
PROD. NO.	NO. OF POS.	DIM A	DIM B

SCHEMATIC(TYP.)



(2,3,4,6,8,10, POS AVAIL)

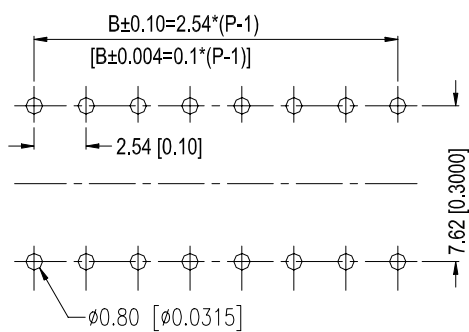
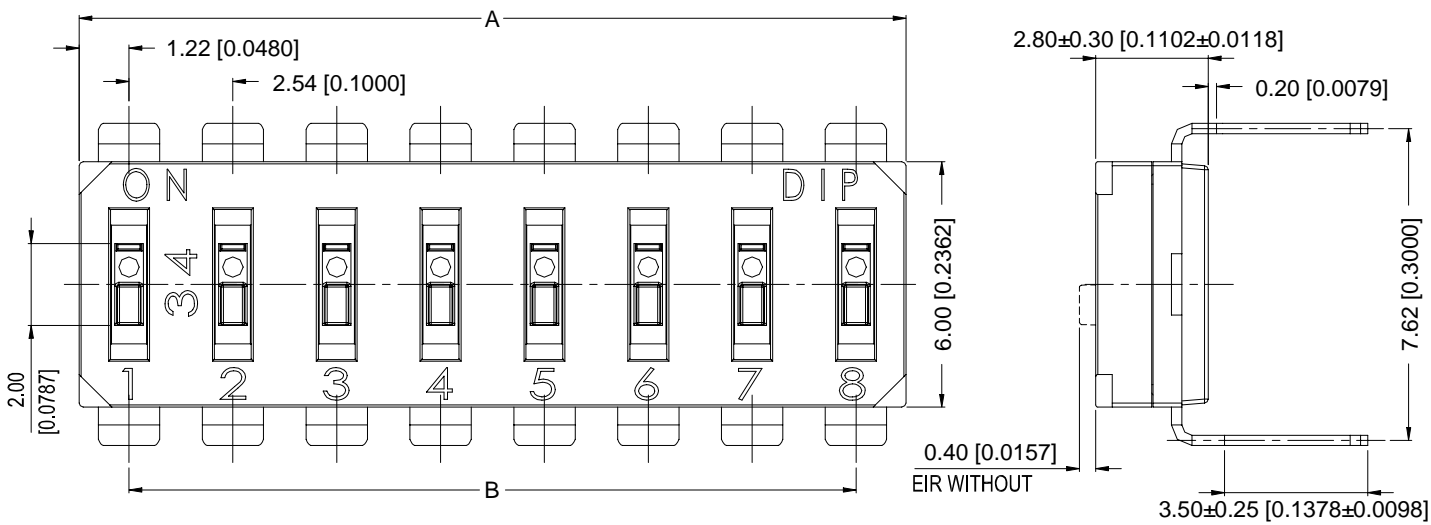


P.C.B. LAYOUT

NOTE:

- 1.ALL DIMENSIONS ARE IN MILLIMETERS,BRACKETED DIMENSIONS ARE IN INCHES.
- 2.GENERAL TOLERANCES MAX.±0.20mm.

EI(R)



P.C.B. LAYOUT

NOTE:

- 1.ALL DIMENSIONS ARE IN MILLIMETERS,BRACKETED DIMENSIONS ARE IN INCHES.
- 2.GENERAL TOLERANCES MAX.±0.20mm.

HOW TO ORDER

E □ □ - □ □ - □ - □ - □

Package Style

□ = Tube

T/R= Tape & Reel

Soldering :

V = Lead Free Solderable

Seal :

□ = Regular

T = Top Tape Sealed

Number Of Positions :

02.03.04.06.08.10 Positions.

Actuator Type :

□ = Raised Actuator

R = Recessed Actuator

Terminal Type :

M = S.M.T Type

I = Through Hole Type

End-Stackable Dip Switch

SPECIFICATION

△MECHANICAL

Mechanical Life: 2,000 operations.

Operation Force: 1,000gf max.

Stroke: 1.0 mm

Operation Temp: -20°C to +85°C

Storage Temperature: -40°C to +85°C

△ELECTRICAL

Electrical Life: 2,000 cycles.

Rating: 25 mA, 24 VDC.

Contact resistance: 100mΩ min. at 500VDC.

Dielectric Strength: 500VAC/1 minute.

Contact Arrangement 1 pole throw.

MATERIALS

△BASE & COVER: UL94V-0 Nylon High-Temp Thermoplastic. Color: Black.

△ACTUATOR: UL94V-0 LCP High-Temp Thermoplastic. Color: White.

△CONTACT: Alloy Copper with gold plated.

△TERMINAL: Brass with gold plated.

△TAPE: Kapton.

SOLDERING AND CLEANING PROCESSES

For best results, please follow these recommendation:

△Keep all switch contacts in their "OFF" position for all Operations

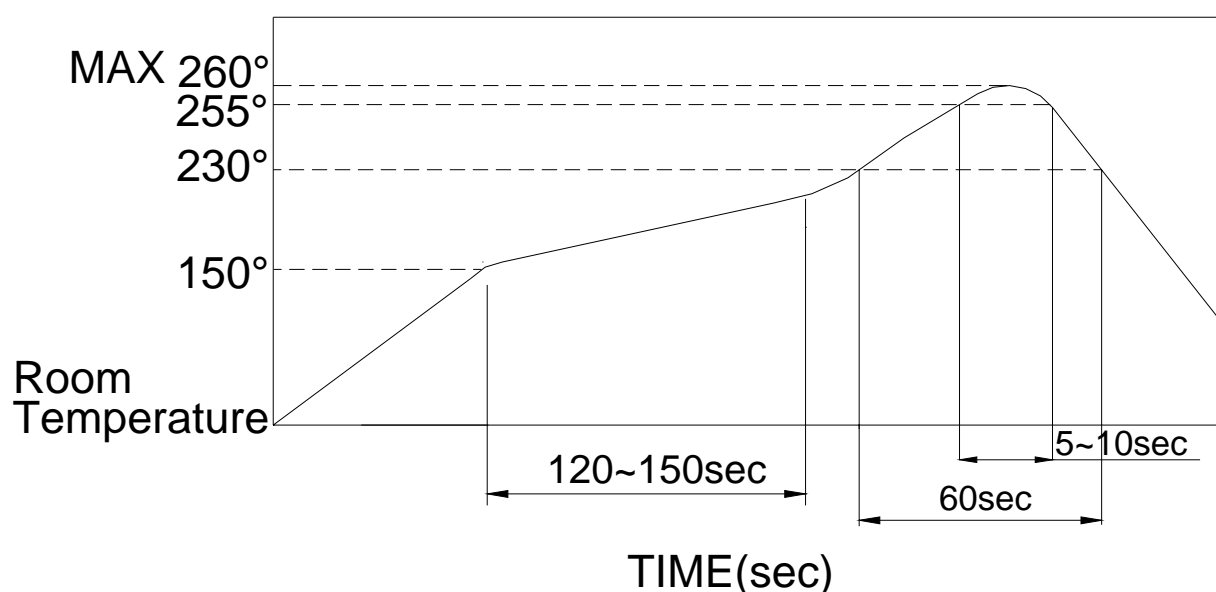
△WAVE SOLDERING: Recommended solder temperature at 500°F(260°C) max. of 5 seconds for through hole type.

△HAND SOLDERING: Use a soldering iron of 30 watts, controlled at 350°C approximately max 5 seconds while applying.

△REFLOW SOLDERING: When applying reflow soldering, the peak temperature or the reflow Oven should be set at 260°C max.

△Do not wash the switch body except top tape sealed type, which suitable for spray cleaning method from top of the s/w.

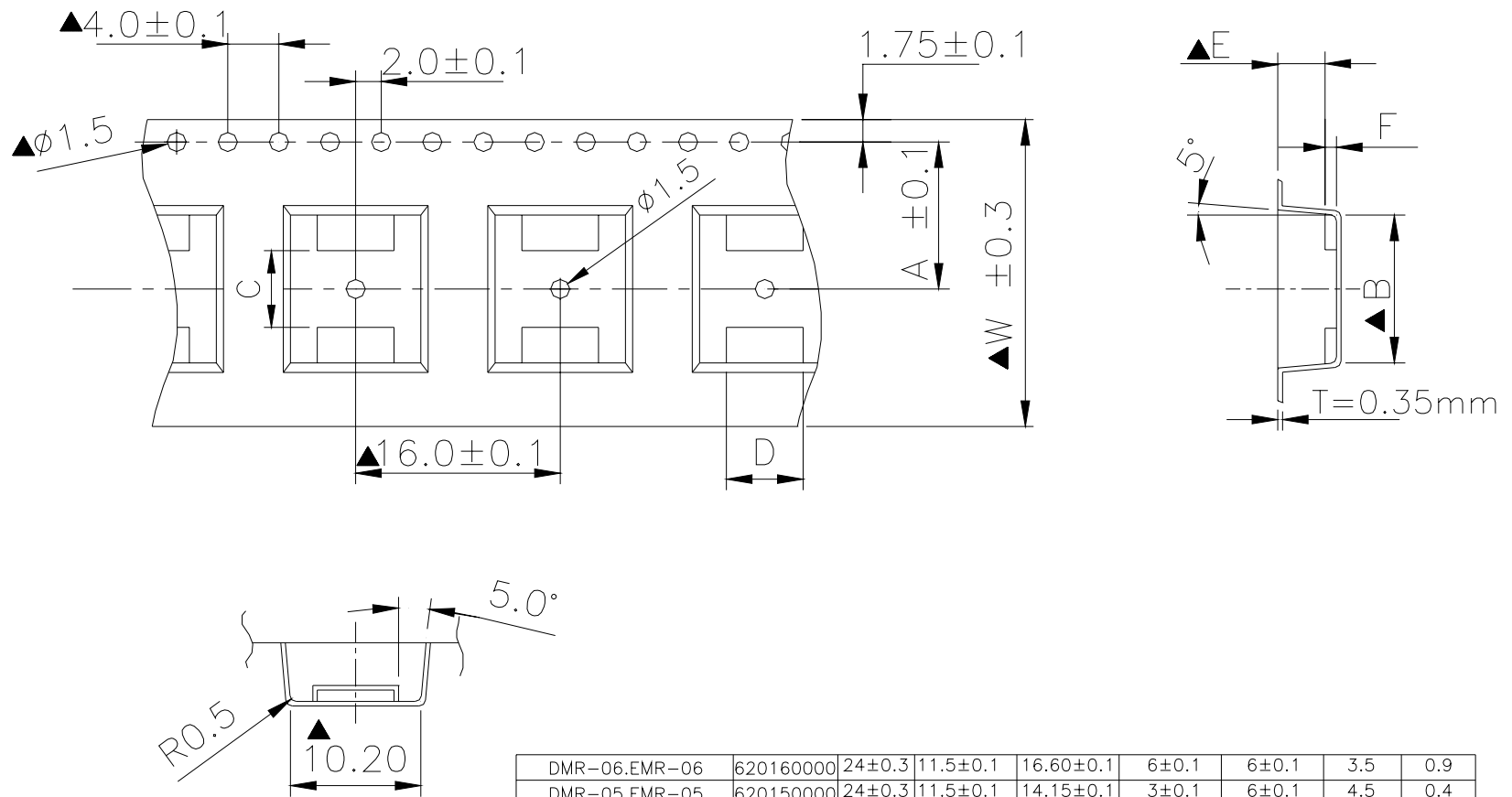
△Reflow Temperature Profile:



PACKING

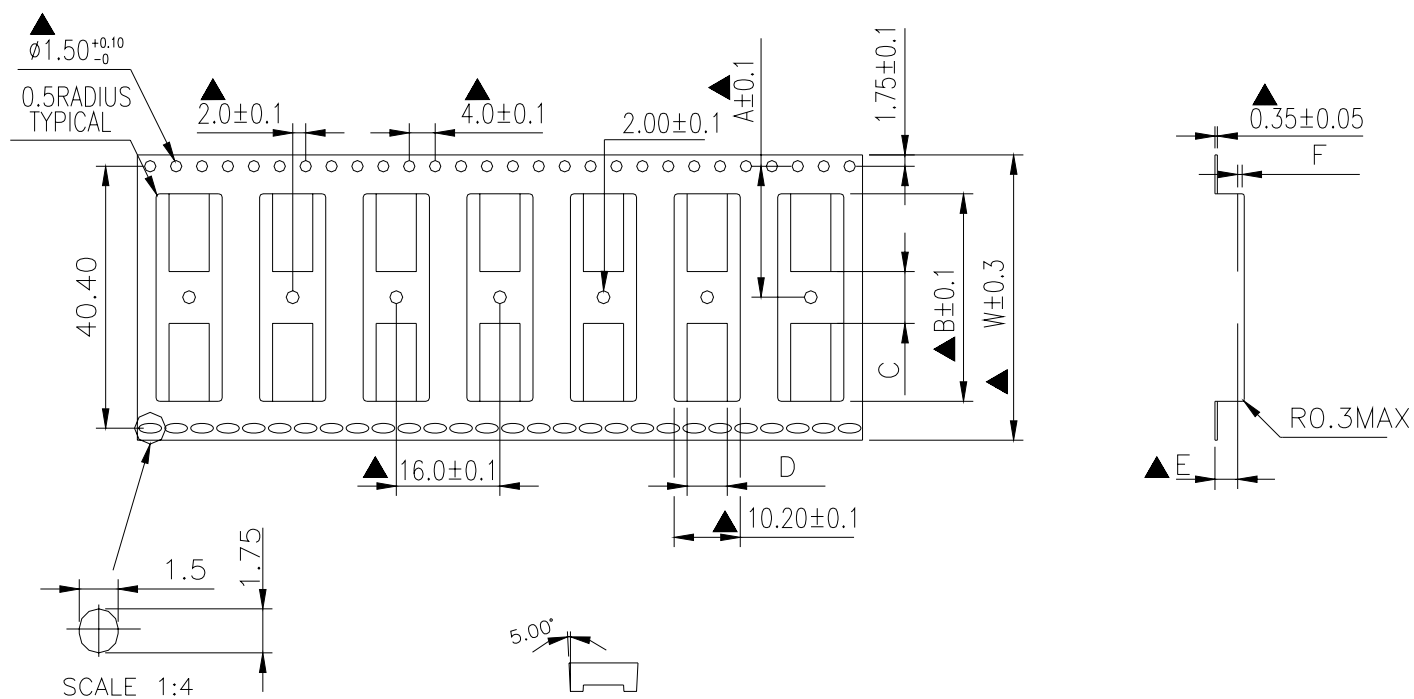
Part Number	Number Per Tube	Number Per Reel
EM、EI(R)-02	95	-
EM、EI(R)-03	63	-
EM、EI(R)-04	47	-
EM、EI(R)-06	31	-
EM、EI(R)-08	23	-
EM、EI(R)-10	18	-
EMR-02~EMR-10	-	900
EM(R)-01、EM-05、07	-	800
EM-02、03、04、06、08、12	-	700

EMR-02~06 Reel



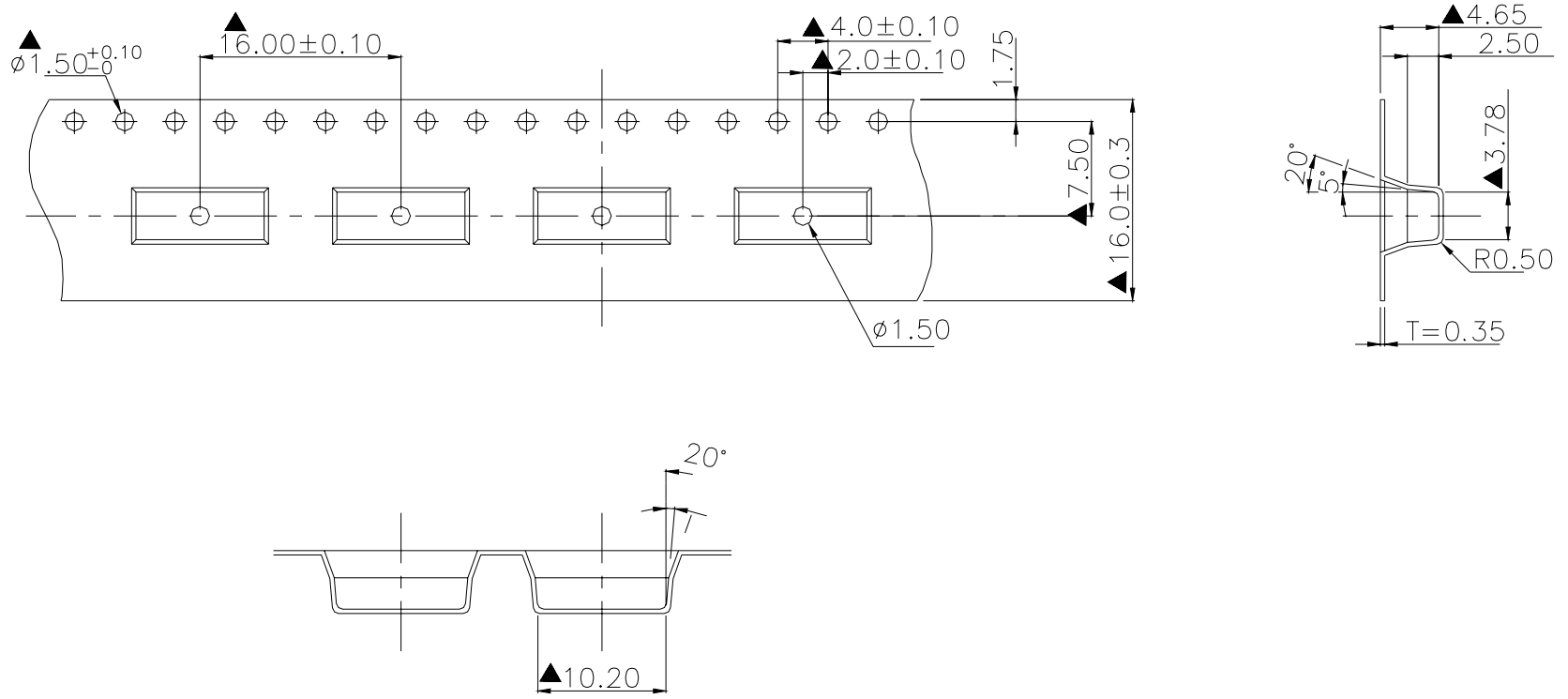
DMR-06.EMR-06	620160000	24±0.3	11.5±0.1	16.60±0.1	6±0.1	6±0.1	3.5	0.9
DMR-05.EMR-05	620150000	24±0.3	11.5±0.1	14.15±0.1	3±0.1	6±0.1	4.5	0.4
DMR-04.EMR-04	620140000	24±0.3	11.5±0.1	11.56±0.1	6±0.1	6±0.1	3.5	0.9
DMR-03.EMR-03	620130000	24±0.3	11.5±0.1	9.07±0.1	3±0.1	6±0.1	4.5	0.4
DMR-02.EMR-02	620120000	16±0.3	7.5±0.1	6.50±0.1	3±0.1	6±0.1	3.5	0.9
PART NAME	PART NO:	W±0.3	A	B	C	D	E	F

EMR 08~12 Reel

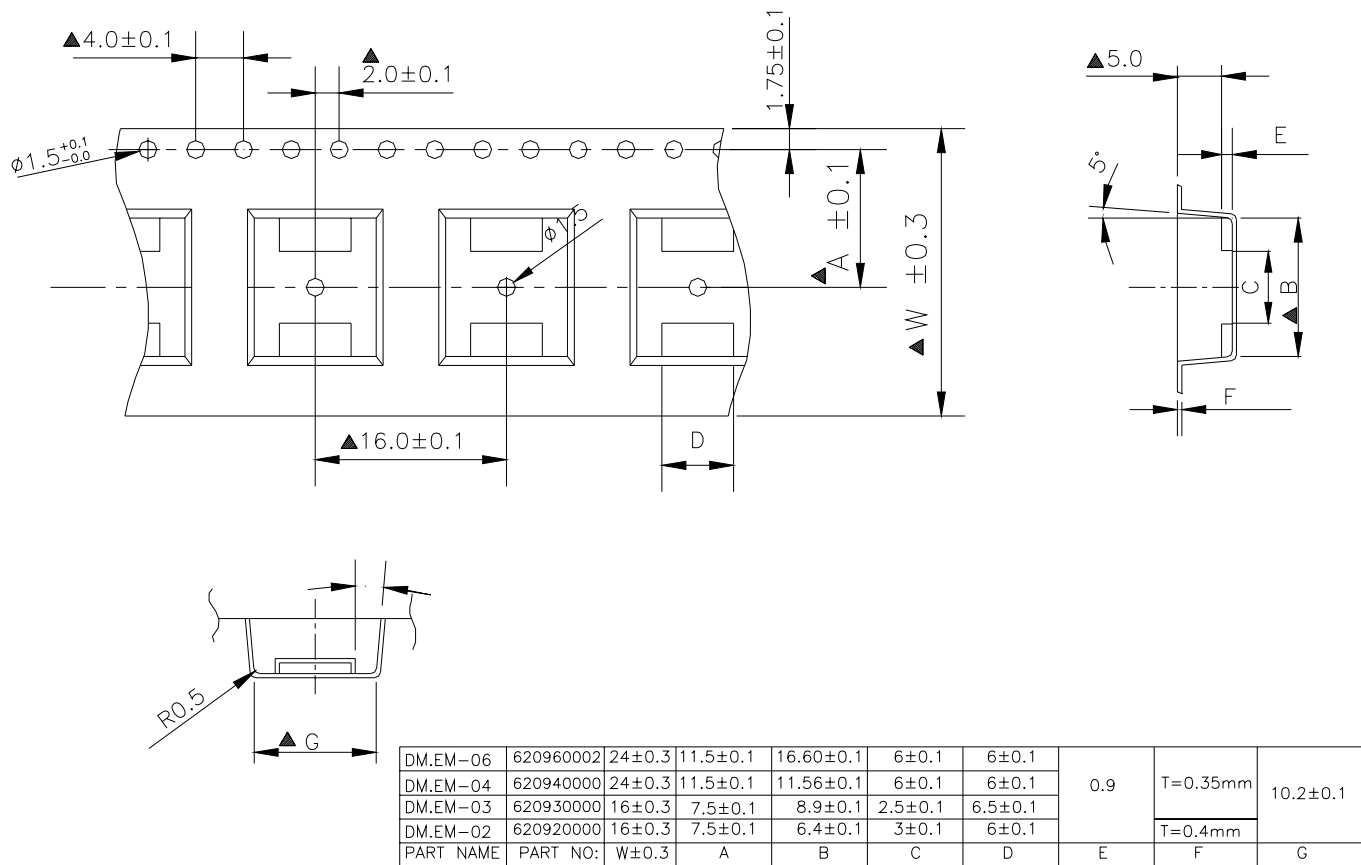


DMR-12.EMR-12	6201C0000	44.00	20.20	32.00	8.00	6.20	3.45	1.0
DMR-10.EMR-10	6201A0000	44.00	20.20	26.80	5.00	6.00	4.5	0.4
TIM.DMR.EMR-09	620190000	44.00	20.20	24.26	5.00	6.00	4.5	0.4
TIM.DMR.EMR-08	620180000	32.00	14.20	21.70	6.00	6.00	3.5	0.9
DMR-07.EMR-07	620170000	32.00	14.20	19.20	5.00	6.00	4.5	0.4
PART NAME	PART NO.	W±0.3	A	B	C	D	E	F

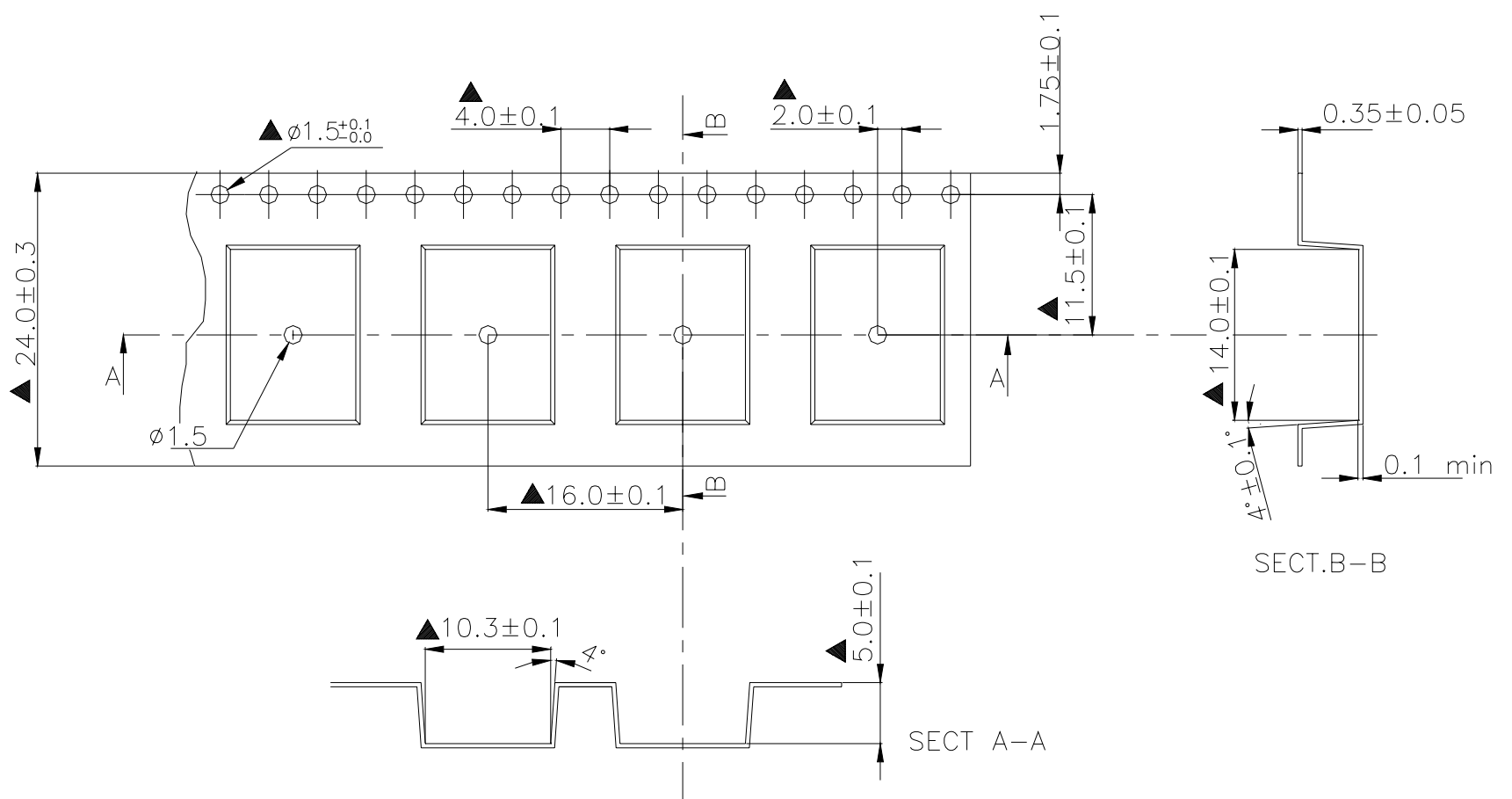
EM(R)-01 Reel



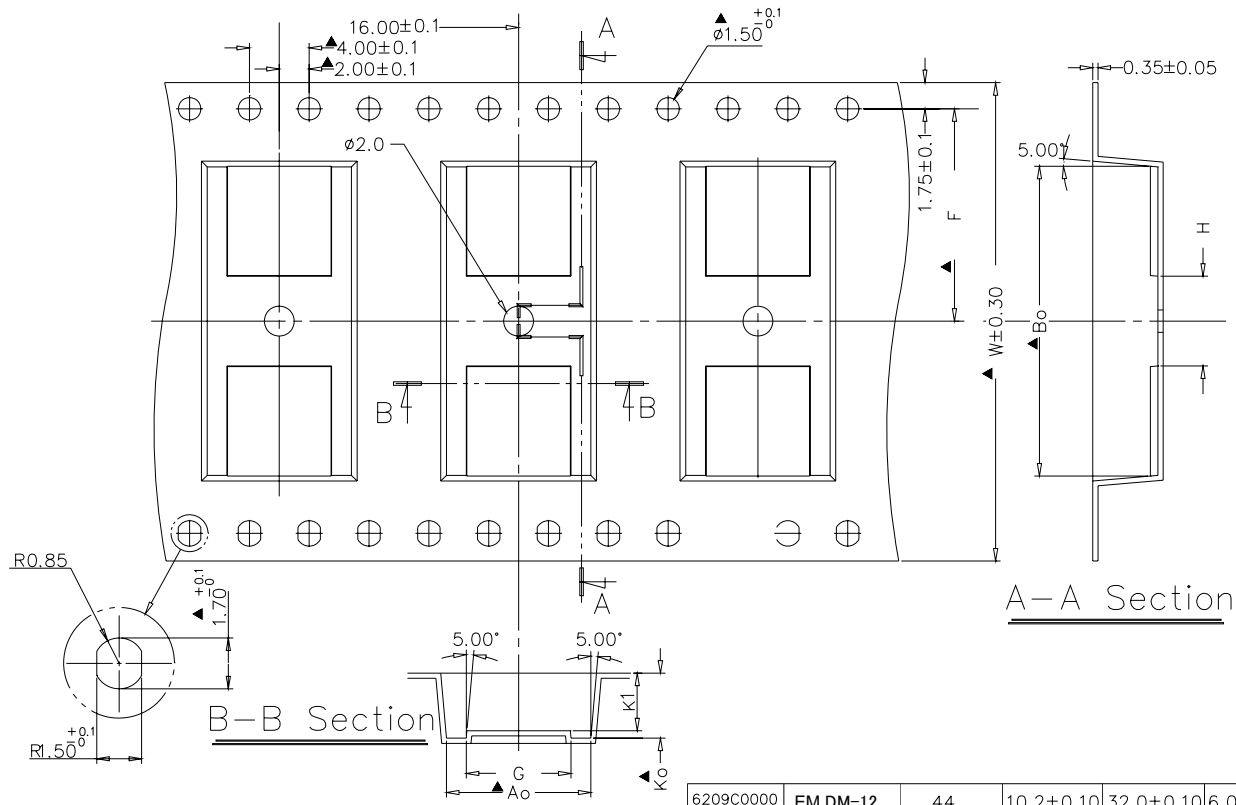
EM-02、03、04、06 Reel



EM-05 Reel

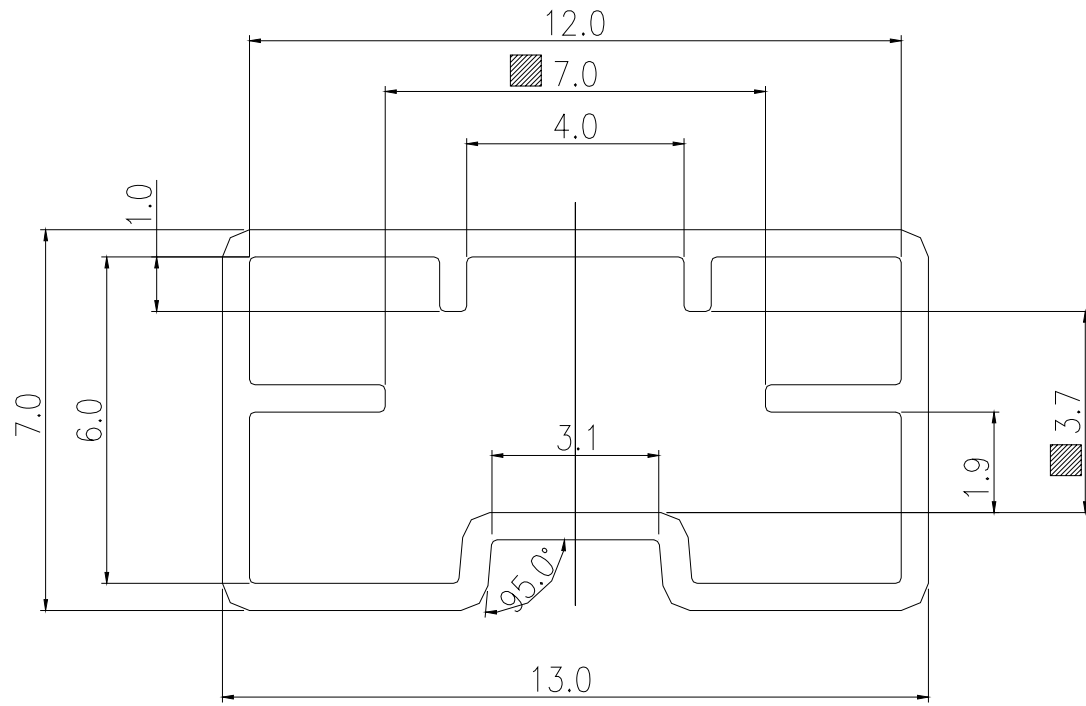


EM-07、08、12 Reel



6209C0000	EM.DM-12	44	10.2 ± 0.10	32.0 ± 0.10	6.0 ± 0.10	5.0 ± 0.10	20.2 ± 0.10	6.0	6.0
620980000	EM.DM-08	32	10.1 ± 0.10	21.5 ± 0.10	5.9 ± 0.10		14.2 ± 0.10		
620970000	EM.DM-07	32	10.1 ± 0.10	19.17 ± 0.10	5.0 ± 0.10	4.0 ± 0.10	14.2 ± 0.10	6.5	5.0
PART NO	PART NAME	W \pm 0.3mm	A0	B0	K0	K1	F	G	H

EM(R) TUBE



EII(R) TUBE

