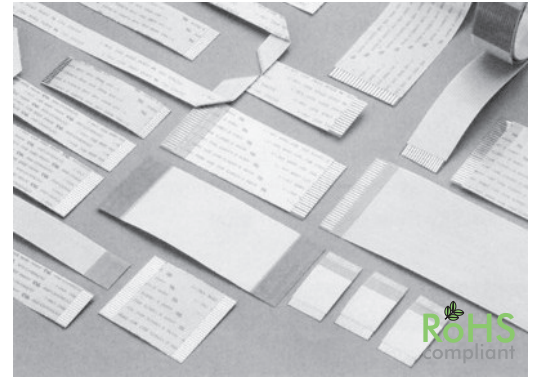
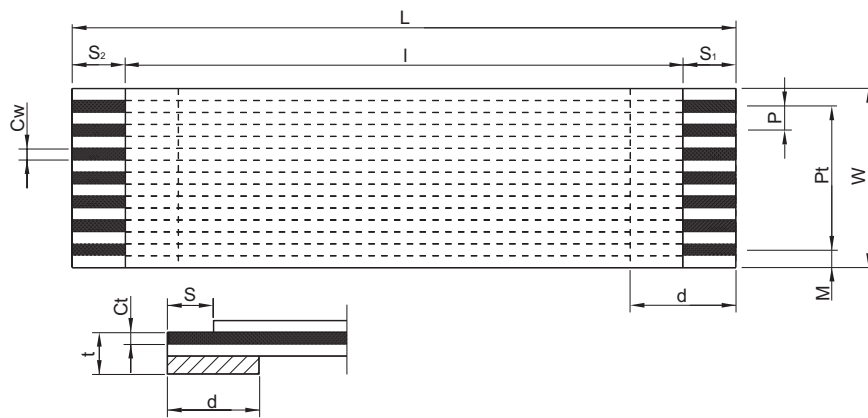


General specifications	
Insulation/support tape	Polyester
Conductor material	Tinned copper
Adhesive layer	Polyester adhesive layer
Conductor resistance	2.54 mm: 0.2 Ω/m, 1.25 mm: 0.5 Ω/m 1.00 mm: 1.0 Ω/m, 0.50 mm: 1.4 to 2.2 Ω/m
Insulation resistance	1000 MΩ min.
Dielectrical withstanding	500 VAC for 1 min
Operating temperature	-30 °C to +80 °C
Flexing test	More than 20 times at 18 °C
Mating parts series	
285x to 289x, 295x to 299x	



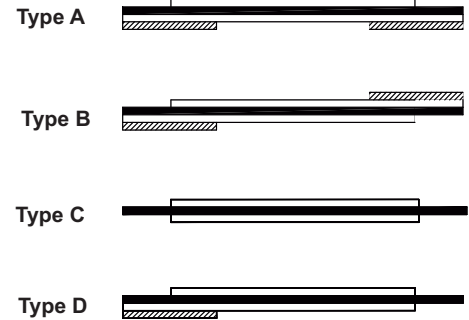
Mechanical dimensions

Unit: mm



Mechanical Dimensions

No.	Item	Abbr.	Formulation	Tolerances				
				P=0.5	P=0.8	P=1.00	P=1.25	P=2.54
1	Pitch	P	Typical	±0.05	±0.08	±0.08	±0.10	±0.20
2	Total pitch	Pt	$Pt = (n-1) \times P$	±0.08	±0.10	±0.10	±0.15	±0.20
3	Width	W	$W = (n+1) \times P$	±0.08	±0.10	±0.10	±0.20	±0.20
4	Margin	M	$M = (W-Pt) / 2$	±0.08	±0.12	±0.12	±0.15	±0.20
5	Insulation length	l	$l = L - (S_1+S_2)$	(30~100) ± 3, (101~300) ± 5, (301~600) ± 10, (> 601) ± 15				
6	Total length l	L	$L = l + (S_1+S_2)$					
7	Strip length	S	if Type is A, B	4 ± 1		5 ± 1		
8	Support tape length	d	$d = S \times 2$	8 ± 2		10 ± 2		
9	Conductor width	Cw	Various	0.3 ±0.02	0.5 ±0.03	0.7 ±0.03	0.8 ±0.03	1.27 ±0.04
10	Conductor thickness	Ct	Various	N/A				
				0.1 ± 0.01				
				0.05 ± 0.01				
11	Terminal thickness	t	Typical	0.035 ± 0.01				
				0.29 ~ 0.34				



Tolerances	
Linear	.X ± 0.38
	.XX ± 0.25

Part numbering guide

2900	A	04	A	080
Series	Conductor pitch P A = 2.54 mm B = 1.25 mm C = 1.00 mm	No. of conductors 04 to n D = 0.80 mm E = 0.50 mm	Type A = Type A B = Type B C = Type C D = Type D	Length L i.e. 080 = 80 mm

* standard

