

RoHS

Technical drawing of a 19-pin D-sub connector. The drawing includes three views: a top view (A), a front view (B), and a side view (C). The top view shows the connector's footprint with dimensions: 14.00^{+0.05}_{-0.04} (total width), 10.80 $\pm$ 0.1 (inner width), 4.55^{+0.05}_{-0.04} (height), 9.85^{+0.1}_{-0.0} (pin pitch), and 12.05^{+0.1}_{-0.0} (pin area width). Labels include PIN19, PIN1, PIN2, PIN18, and Max R0.5. The front view (B) shows the connector's profile with dimensions: 14.00 $\pm$ 0.10 (total height), 11.15 $\pm$ 0.10 (pin height), 0.32 $\pm$ 0.02 (pin width), 0.50 (pin spacing), 9.00 $\pm$ 0.10 (pin array width), and 14.50 $\pm$ 0.15 (total width). The side view (C) shows the connector's side profile with dimensions: 1.15 (pin height), 1.2 (pin width), and 3.00 (pin array width). The drawing also includes a RoHS compliance label.

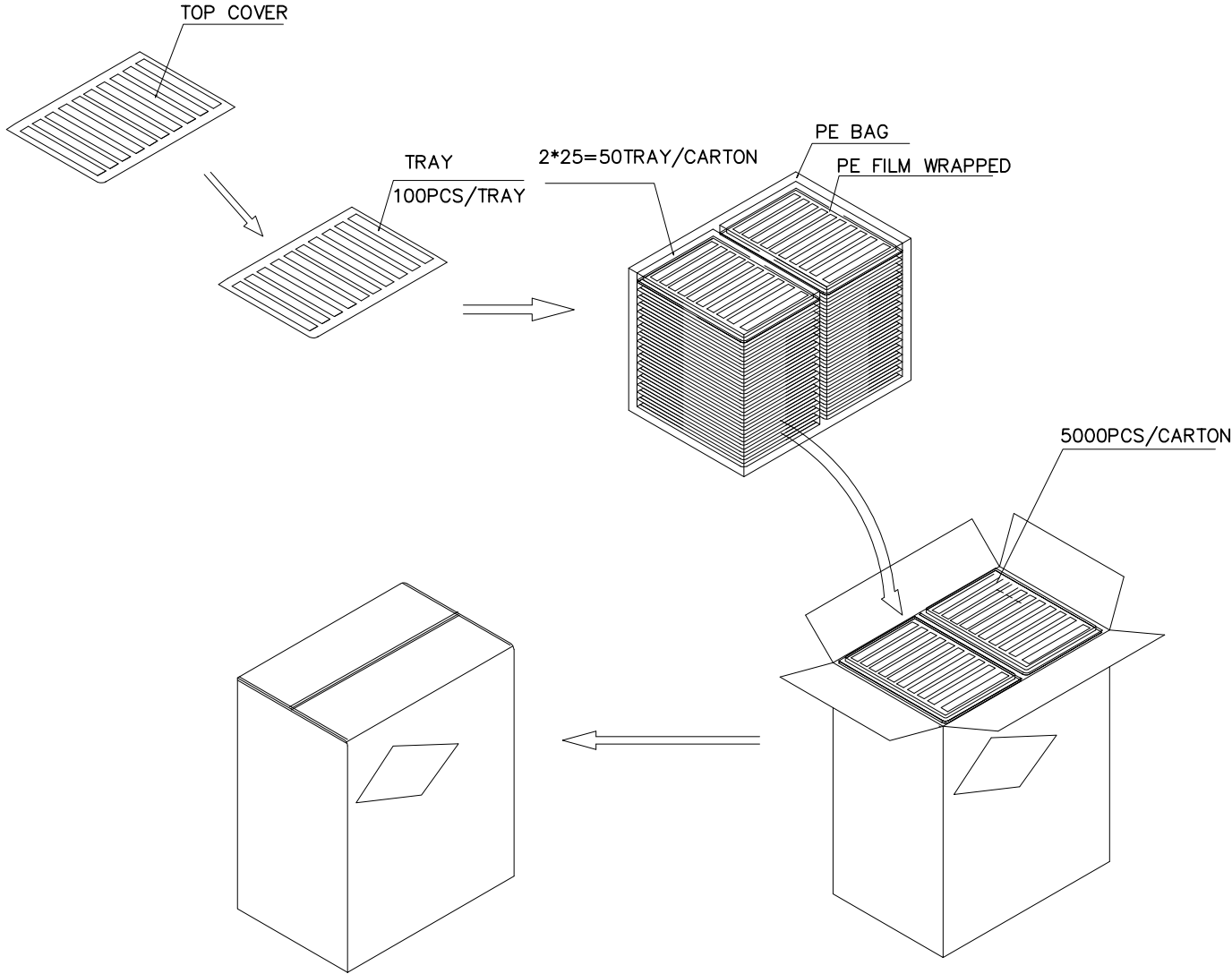
SPECIFICATION

1. Electrical characteristics
Contact Current Rating: 0.5 A
Dielectric Withstanding Voltage: 300V AC
Insulation Resistance: a. Mate 100MΩ MIN at 500V/DC
b. Unmate 10MΩ MIN at 150V/DC
Contact Resistance: 30mΩ MAX
Temperature Range: -20° C to +85° C
2. Mechanical
Mating Face: 44.1N MAX
Unmating Face: 9.8N MIN; 39.2N MAX
Durability: 5000 Cycles
3. material:
HOUSING: THERMOPLASTICS HIGH TEMP LCP+GLASS
FIBER BLACK COLOR, UL94V-0
CONTACT: Copper Alloy , T=0.20MM
SHELL: Copper Alloy (SPCC) , T=0.50MM
4. PLATING:
CONTACT: G/F PLATING ON CONTACT AREA
80u" MIN, TIN PLATING ON SOLDER TAILS
30u" MIN, NICKEL UNDERPLATING OVERALL
SHELL: 50u" , NICKEL PLATING OVERALL

HDMI SERIES 105010251 PAKING:
PLATING: 1: TRAY
01: G/F+TIN SERIAL NO.

MILLIMETERS	INCH	UNITS MM	 东莞市金比莱五金塑胶科技有限公司 DongGuan JinBiLai Metal Plastic Technology Co.,Ltd									
X° ± 2°	X° ± 2°	MAT'L	PART NUMBER: 105010251		TITLE: HDMI AF 180° 夹板1.2mm							
.X ± 0.38	.XX ± 0.012	SEE NOTES										
.XX ± 0.25	.XXX ± 0.008	FINISH	APPD:		DWG NO.: C-105010251-00							
.XXX± 0.15	.XXXX± 0.004	SEE NOTES										
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		SCALE	SHEET				REV.					
		1:1	1/2	A0								
SEE NOTES	DR:											

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SEE NOTES			DR:				SCALE	SHEET	REV.
							1:1	2/2	A0