FEATURES AND SPECIFICATIONS

2.50mm (.098") Pitch Omnigrid® Complementary Component To IEC 1076-4-100

85171

Vertical Female

Features and Benefits

- Metric connector system
- 100g normal force
- No heat stake pegs
- V-press fit system
- 5 rows
- Available in 18.50mm (.728") height (for 2.50mm (.098") board-to-board grid)
- Available in 22.00mm (.866") height (for 2.50mm (.098") board-to-board grid)
- Connector applied last

Electrical

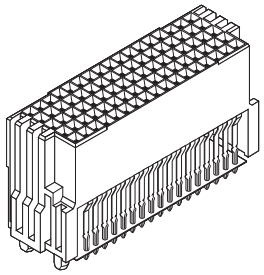
Working Voltage: 750Vrms (fully loaded)
Current: 1.5A max. (fully loaded)
Contact Resistance: 30mΩ max.
Insulation Resistance: 10^6 MΩ min.

Mechanical

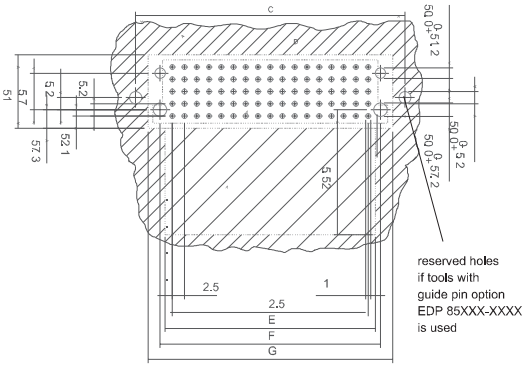
Mating Force: 1N (.22 lb) max.
Unmating Force: 0.6N (.13 lb) min.
Creeping Distance: 0.60mm (.024") min.
Wipe: 2.50mm (.098")

Physical

Housing: Polycarbonate, UL 94V-0
Color: Gray RAL 7032
Contact: Phosphor Bronze
Plating: Performance level 1, per DIN 41612

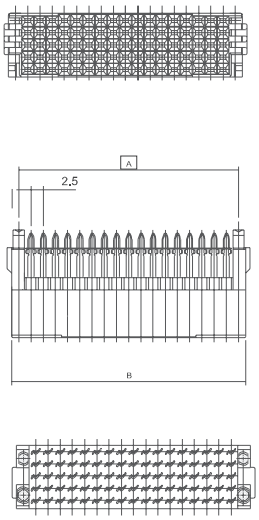


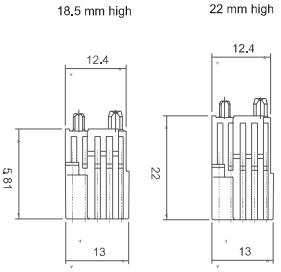
CATALOG DRAWING (FOR REFERENCE ONLY)

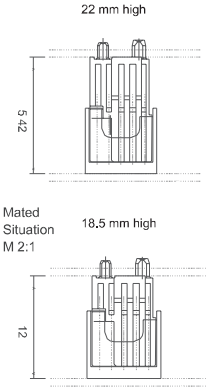


holes dia 2,15 2,5 and 2,75
no placed

dia : 0,1 all holes







SU	A	B	C	D	E	F	G
4	95	97.9	105	36	93	95	100
2	45	47.9	55	16	43	45	50
1	20	22.9	30	6	18	20	25

ORDERING INFORMATION

SU	Circuits	Pieces per Box	Order No.	
			18.50mm (.728") High	22.00mm (.866") High
4	185	646	85171-0009	85171-0012
2	85	1.292	85171-0008	85171-0011
1	35	2.584	85171-0007	85171-0010