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ELECTRONICS

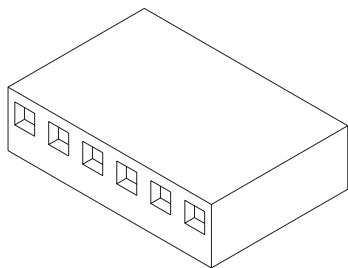
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Jameco Part Number 1298697

2.54mm (.100") Pitch KK[®] Crimp Terminal Housing

2695/6471



Features and Benefits

- Sizes 1 to 25 circuits
- 6471 is end-to-end stackable (2 housings only)
- 2695 version with or without locking ramp and polarizing ribs

Reference Information

Product Specification: PS-10-07
 Packaging: Bag
 UL File No.: E29179
 CSA File No.: LR19980
 Mates With: Molex KK 2.54mm (.100") pitch headers and 0.04mm (.025") pins
 Use With: 2695—2759, 6459 or 41572 terminals
 6471—4809 terminals
 Designed In: Inches

Electrical*

Voltage: 250V
 Current: Phosphor Bronze—4.0A max.
 Brass—2.5A max.
 Dielectric Withstanding Voltage: 1500V AC
 Insulation Resistance: 50K Megohms min.

Mechanical*

Contact Insertion Force: 681g (1.5 lb) max.
 Contact Retention to Housing: 3.63kg (8 lb) min.
 Mating Force: 199g max.
 Unmating Force: 57g min.
 Normal Force: 200g min.

Physical

Housing: Nylon, UL 94V-0
 Operating Temperature: 0 to +75°C

Circuits	Order No.			
	2695		6471	
	With Locking Ramp	With Locking Ramp and Polarizing Ribs	Without Locking Ramp or Ribs	With Locking Ramp and Polarizing Ribs [†]
1			22-01-2011	
2	22-01-2027	22-01-3027	22-01-2021	22-01-2025
3	22-01-2037	22-01-3037	22-01-2031	22-01-2035
4	22-01-2047	22-01-3047	22-01-2041	22-01-2045
5	22-01-2057	22-01-3057	22-01-2051	22-01-2055
6	22-01-2067	22-01-3067	22-01-2061	22-01-2065
7	22-01-2077	22-01-3077	22-01-2071	22-01-2075
8	22-01-2087	22-01-3087	22-01-2081	22-01-2085
9	22-01-2097	22-01-3097	22-01-2091	22-01-2095
10	22-01-2107	22-01-3107	22-01-2101	22-01-2105
11	22-01-2117	22-01-3117	22-01-2111	22-01-2115
12	22-01-2127	22-01-3127	22-01-2121	22-01-2125
13	22-01-2137	22-01-3137	22-01-2131	22-01-2135

Note: When mating polarizing rib version with breakaway friction lock header or polarizing wall series, the end friction lock or polarizing wall of header must be removed

* When mated with Molex product only

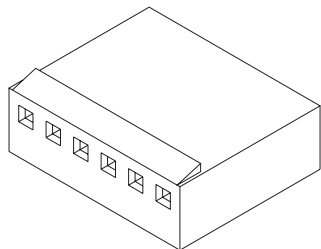
[†] For circuits 19-28, contact Molex

Circuits	Order No.			
	2695		6471	
	With Locking Ramp	With Locking Ramp and Polarizing Ribs	Without Locking Ramp or Ribs	With Locking Ramp and Polarizing Ribs [†]
14	22-01-2147	22-01-3147	22-01-2141	22-01-2145
15	22-01-2157	22-01-3157	22-01-2151	22-01-2155
16	22-01-2167	22-01-3167	22-01-2161	22-01-2165
17	22-01-2177	22-01-3177	22-01-2171	22-01-2175
18	22-01-2187	22-01-3187	22-01-2181	22-01-2185
19	22-01-2197	22-01-3197	22-01-2191	
20	22-01-2207	22-01-3207	22-01-2201	
21	22-01-2217	22-01-3217	22-01-2211	
22	22-01-2227	22-01-3227	22-01-2221	
23	22-01-2237	22-01-3237	22-01-2231	
24	22-01-2247	22-01-3247	22-01-2241	
25	22-01-2257	22-01-3257	22-01-2251	

	Order No.
Polarizing Key	15-04-9209
Polarizing Peg	15-04-9210

2.54mm (.100") Pitch KK[®] Crimp Terminal Housing

7880 High Pressure



Features and Benefits

- Sizes 1 to 28 circuits
- Standard with locking ramp
- Suitable for high vibration requirements

Reference Information

Product Specification: PS-7879
 Packaging: Bag
 UL File No.: E29179
 CSA File No.: LR19980
 Mates With: Molex KK 2.54mm (.100") pitch headers
 Use With: 7879 terminals
 Designed In: Inches

Electrical*

Voltage: 250V
 Current: 2.5A
 Dielectric Withstanding Voltage: 1500V AC
 Insulation Resistance: 500K Megohms min.

Mechanical*

Contact Insertion Force: 1.5 lb max.
 Contact Retention to Housing: 8 lb min.
 Mating Force: 475g max.
 Unmating Force: 100g min.
 Normal Force: 430g min.

Physical

Housing: Nylon, UL 94V-0
 Operating Temperature: -0 to +75°C

Circuits	Order No.
1	10-11-2013
2	10-11-2023
3	10-11-2033
4	10-11-2043
5	10-11-2053
6	10-11-2063
7	10-11-2073
8	10-11-2083
9	10-11-2093
10	10-11-2103

Circuits	Order No.
11	10-11-2113
12	10-11-2123
13	10-11-2133
14	10-11-2143
15	10-11-2153
16	10-11-2163
17	10-11-2173
18	10-11-2183
19	10-11-2193

Circuits	Order No.
20	10-11-2203
21	10-11-2213
22	10-11-2223
23	10-11-2233
24	10-11-2243
25	10-11-2253
26	10-11-2263
27	10-11-2273
28	10-11-2283

* When mated with Molex product only

Note: In the Far East this housing has a different Engineering Series No. and different Order No.



PRODUCT SPECIFICATION

1.0 SCOPE

This Product Specification covers the following

- A. 2.50 mm centerline (pitch) 0.64 mm square pin headers
- B. 2.54 mm centerline (pitch) 0.64 mm square pin headers

when mated with either printed circuit board (PCB) connectors or connectors terminated with 22 to 28 AWG wire using crimp technology.

2.0 PRODUCT DESCRIPTION

2.1 PRODUCT NAME AND SERIES NUMBERS

Crimp Terminals: 4809, 2759, 41572, 6459, 40445, 8088

Crimp Housings: 2695, 5051, 6471

PCB Connectors: 7534, 4455

Headers: 3022, 3202, 3094, 3494, 6410, 7930, 7395, 90578

Wire to board connector : 7690

Other products conforming to this specification are noted on the individual drawings.

2.2 DIMENSIONS, MATERIALS, PLATINGS AND MARKINGS

Terminal Material: Brass or Phos. Bronze (for Max performance use phos bronze material.)

Housing: Nylon or Polyester

Pins: Brass or Phos. Bronze

For more information on dimensions, materials, and plating see the individual drawings.

2.3 SAFETY AGENCY APPROVALS

UL File Number E29179

CSALR19980

3.0 APPLICABLE DOCUMENTS AND SPECIFICATIONS

None

4.0 RATINGS

4.1 VOLTAGE

250 Volts

4.2 CURRENT AND APPLICABLE WIRES (Current is dependent on connector size, contact material, plating, ambient temperature, printed circuit board characteristics and related factors. Actual current rating is application dependent and should be evaluated for each application.)

AWG	Amps (Max)	Outside Insulation Diameter
22	4.00	See Drawings
24	3.75	See Drawings
26	3.50	See Drawings
28	3.00	See Drawings

4.3 TEMPERATURE (ambient + 30° temp rise)

Operating: 0°C to +75°C

Non-operating: - 40°C to +105°C

REVISION:	ECR/ECN INFORMATION:	TITLE:	SHEET No.
A	EC No: E2003 -0971 DATE: 2003 / 03 / 18	PRODUCT SPECIFICATION 2.50mm & 2.54mm CENTER KK CONNECTORS	1 of 5
DOCUMENT NUMBER:	CREATED / REVISED BY:	CHECKED BY:	APPROVED BY:
PS-99020-0088	B MAGUIRE	L Kiernan	M Wilhite



PRODUCT SPECIFICATION

5.0 PERFORMANCE

5.1 ELECTRICAL REQUIREMENTS

DESCRIPTION	TEST CONDITION	REQUIREMENT
Contact Resistance (Low Level)	Mate connectors: apply a maximum voltage of 20 mV and a current of 100 mA.	10 milliohms MAXIMUM [initial]
Contact Resistance of Wire Termination (Low Level)	Terminate the applicable wire to the terminal and measure wire using a voltage of 20 mV and a current of 100 mA.	2 milliohms MAXIMUM [initial]
Insulation Resistance	Unmate & unmount connectors: apply a voltage of 500 VDC between adjacent terminals and between terminals to ground.	1000 Megaohms MINIMUM
Dielectric Withstanding Voltage	Unmate connectors: apply a voltage of {two times the rated voltage plus 1000 volts} VAC for 1 minute between adjacent terminals and between terminals to ground.	No breakdown
Capacitance	Measure between adjacent terminals at 1 MHz.	2 picofarads MAXIMUM
Temperature Rise (via Current Cycling)	Mate connectors: measure the temperature rise at the rated current after: 1) 96 hours (steady state) 2) 240 hours (45 minutes ON and 15 minutes OFF per hour) 3) 96 hours (steady state)	Temperature rise: +30°C MAXIMUM

REVISION: A	ECR/ECN INFORMATION: EC No: E2003 -0971 DATE: 2003 / 03 / 18	TITLE: PRODUCT SPECIFICATION 2.50mm & 2.54mm CENTER KK CONNECTORS	SHEET No. 2 of 5
DOCUMENT NUMBER: PS-99020-0088	CREATED / REVISED BY: B MAGUIRE	CHECKED BY: L Kiernan	APPROVED BY: M Wilhite



PRODUCT SPECIFICATION

5.2 MECHANICAL REQUIREMENTS

DESCRIPTION	TEST CONDITION	REQUIREMENT
Connector Mate and Unmate Forces	Per circuit when mated to a 0.635mm Sq. pin. Mate and unmate connector (male to female) at a rate of 25 ± 6 mm per minute.	1.95 N MAXIMUM insertion force & 0.56 N MINIMUM withdrawal force
Terminal Retention Force (in Housing)	Axial pullout force on the terminal in the housing at a rate of 25 ± 6 mm per minute. (Forces will change with platings and materials.)	17.8 N MINIMUM withdrawal force
Terminal Insertion Force (into Housing)	Apply an axial insertion force on the terminal at a rate of 25 ± 6 mm. (Forces will change with platings and materials.)	6.67 N MAXIMUM insertion force
Durability	Mate connectors up to 25 cycles at a maximum rate of 10 cycles per minute prior to Environmental Tests.	10 milliohms MAXIMUM (change from initial)
Vibration (Random)	Mate connectors and vibrate per EIA 364-28, test condition VII.	10 milliohms MAXIMUM (change from initial) & Discontinuity < 1 microsecond
Shock (Mechanical)	Mate connectors and shock at 50 g's with $\frac{1}{2}$ sine wave (11 milliseconds) shocks in the $\pm X, \pm Y, \pm Z$ axes (18 shocks total).	10 milliohms MAXIMUM (change from initial) & Discontinuity < 1 microsecond
Wire Pullout Force (Axial)	Apply an axial pullout force on the wire at a rate of 25 ± 6 mm. (For maximum performance use Molex application tooling with stranded tinned copper wire)	22 awg = 44 N 24 awg = 35 N 26 awg = 26 N 28 awg = 17 N 30 awg = 13 N
Normal Force	Apply a perpendicular force.	2.94 N (300 grams) average

REVISION: A	ECR/ECN INFORMATION: EC No: E2003 -0971 DATE: 2003 / 03 / 18	TITLE: PRODUCT SPECIFICATION 2.50mm & 2.54mm CENTER KK CONNECTORS	SHEET No. 3 of 5
DOCUMENT NUMBER: PS-99020-0088	CREATED / REVISED BY: B MAGUIRE	CHECKED BY: L Kiernan	APPROVED BY: M Wilhite



PRODUCT SPECIFICATION

5.3 ENVIRONMENTAL REQUIREMENTS

DESCRIPTION	TEST CONDITION	REQUIREMENT										
Shock (Thermal)	Mate connectors; expose to 5 cycles of: <table border="1"> <thead> <tr> <th>Temperature °C</th> <th>Duration (Minutes)</th> </tr> </thead> <tbody> <tr> <td>-40 +0/-3</td> <td>30</td> </tr> <tr> <td>+25 ±10</td> <td>5 MAXIMUM</td> </tr> <tr> <td>+105 +3/-0</td> <td>30</td> </tr> <tr> <td>+25 ±10</td> <td>5 MAXIMUM</td> </tr> </tbody> </table>	Temperature °C	Duration (Minutes)	-40 +0/-3	30	+25 ±10	5 MAXIMUM	+105 +3/-0	30	+25 ±10	5 MAXIMUM	10 milliohms MAXIMUM (change from initial) & Visual: No Damage
Temperature °C	Duration (Minutes)											
-40 +0/-3	30											
+25 ±10	5 MAXIMUM											
+105 +3/-0	30											
+25 ±10	5 MAXIMUM											
Thermal Aging	Mate connectors; expose to: 96 hours at 105 ± 2°C	10 milliohms MAXIMUM (change from initial]) & Visual: No Damage										
Humidity (Steady State)	Mate connectors: expose to a temperature of 40 ± 2°C with a relative humidity of 90-95% for 96 hours. Note: Remove surface moisture and air dry for 1 hour prior to measurements.	10 milliohms MAXIMUM (change from initial) & Dielectric Withstanding Voltage: No Breakdown at 500 VAC & Insulation Resistance: 1000 Megaohms MINIMUM & Visual: No Damage										
Humidity (Cyclic)	Mate connectors: cycle per EIA-364-31: 24 cycles at temperature 25 ± 3°C at 80 ± 5% relative humidity and 65 ± 3°C at 50 ± 5% relative humidity; dwell time of 1.0 hour; ramp time of 0.5 hours. {Note: Remove surface moisture and air dry for 1 hour prior to measurements.}	10 milliohms MAXIMUM (change from initial) & Dielectric Withstanding Voltage: No Breakdown at 500 VAC & Insulation Resistance: 1000 Megaohms MINIMUM & Visual: No Damage										
Solderability	Per SMES-152	Solder coverage: 95% MINIMUM (per SMES-152)										

REVISION: A	ECR/ECN INFORMATION: EC No: E2003 -0971 DATE: 2003 / 03 / 18	TITLE: PRODUCT SPECIFICATION 2.50mm & 2.54mm CENTER KK CONNECTORS	SHEET No. 4 of 5
DOCUMENT NUMBER: PS-99020-0088	CREATED / REVISED BY: B MAGUIRE	CHECKED BY: L Kiernan	APPROVED BY: M Wilhite



PRODUCT SPECIFICATION

5.3 ENVIRONMENTAL REQUIREMENTS

DESCRIPTION	TEST CONDITION	REQUIREMENT
Solder Resistance	Dip connector terminal tails in solder: Solder Duration: 5 ± 0.5 seconds; Solder Temperature: $230 \pm 5^\circ\text{C}$	Visual: No Damage to insulator material
Salt Spray	Mate connectors: Duration: 48 hours exposure; Atmosphere: salt spray from a 5% solution; Temperature: $35 +1/-2^\circ\text{C}$	10 milliohms MAXIMUM (change from initial) & Visual: No Damage
Cold Resistance	Mate connectors: Duration: 96 hours; Temperature: $-40 \pm 3^\circ\text{C}$	10 milliohms MAXIMUM (change from initial) & Visual: No Damage

6.0 PACKAGING

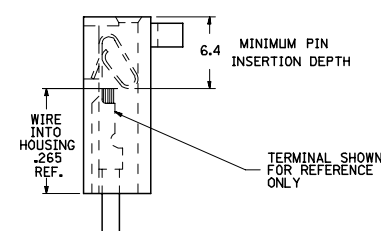
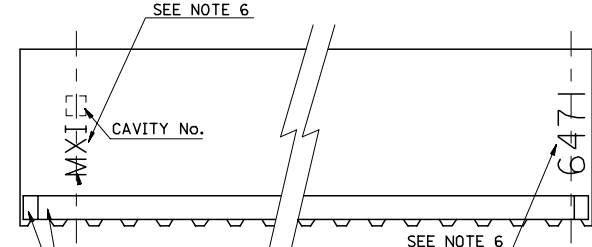
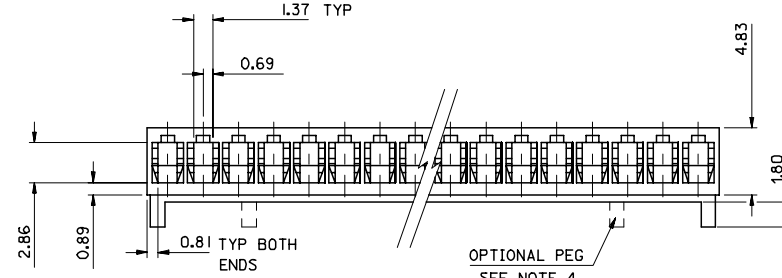
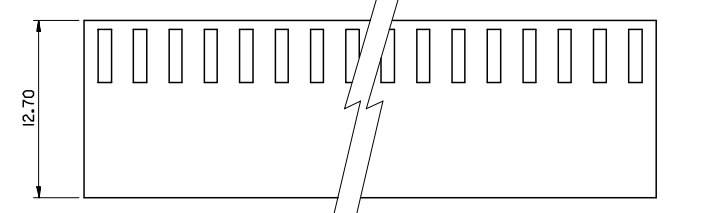
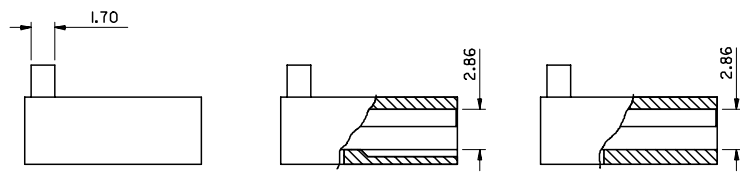
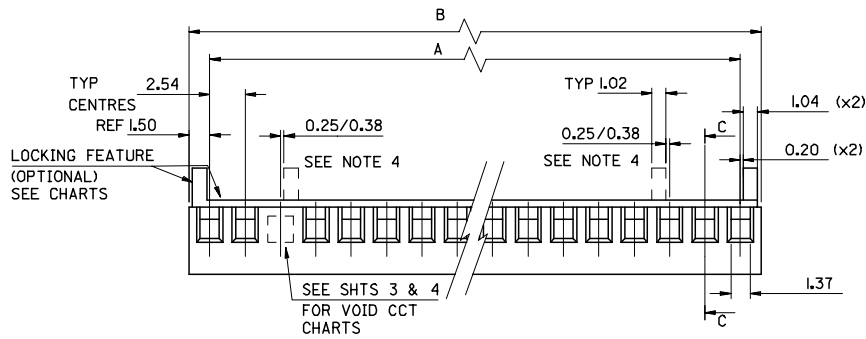
Parts shall be packaged to protect against damage during handling, transit and storage.

7.0 GAGES AND FIXTURES

8.0 OTHER

REVISION: A	ECR/ECN INFORMATION: EC No: E2003 -0971 DATE: 2003 / 03 / 18	TITLE: PRODUCT SPECIFICATION 2.50mm & 2.54mm CENTER KK CONNECTORS	SHEET No. 5 of 5
DOCUMENT NUMBER: PS-99020-0088	CREATED / REVISED BY: B MAGUIRE	CHECKED BY: L Kiernan	APPROVED BY: M Wilhite

28	68.58±0.25	71.58±0.25
27	66.04±0.25	69.04±0.25
26	63.50±0.25	66.50±0.25
25	60.96±0.25	63.96±0.25
24	58.42±0.25	61.42±0.25
23	55.88±0.25	58.88±0.25
22	53.34±0.25	56.34±0.25
21	50.80±0.25	53.80±0.25
20	48.26±0.25	51.26±0.25
19	45.72±0.20	48.72±0.20
18	43.18±0.18	46.18±0.18
17	40.64±0.15	43.64±0.15
16	38.10±0.15	41.10±0.15
15	35.56±0.13	38.56±0.13
14	33.02±0.13	36.42±0.13
13	30.48±0.13	33.48±0.13
12	27.94±0.13	30.94±0.13
11	25.40±0.10	28.40±0.10
10	22.86±0.10	25.86±0.10
9	20.32±0.08	23.32±0.08
8	17.78±0.08	20.78±0.08
7	15.24±0.08	18.24±0.08
6	12.70±0.05	15.70±0.05
5	10.16±0.05	13.16±0.05
4	7.62±0.05	10.62±0.05
3	5.08±0.05	8.07±0.05
2	2.54±0.05	5.53±0.05
No. OF CCTS	DIM. A	DIM. B



- NOTES:
 1. MATERIAL: POLYAMIDE (PA66/6), UL94 V-0
 COLOR: NATURAL PER THE FOLLOWING 89992-0086
 2. FOR USE WITH ANTI-FISH HOOKING TERMINAL No. 4809--.
 3. SEE SHT. 3 FOR PARTS WITH VOIDS.
 4. OPTIONAL CENTRE PEGS TO BE USED ON 7cct & LARGER SIZES ONLY. SEE SHT. 3 FOR CHARTED ENG. No.'S.
 5. PART No. PRECEDED BY CODE LETTER DESIGNATES MFG. LOC'N. I=IRELAND

E-6471-N-...
 No. OF CCTS
 BLANK = STD. VOID
 B = OPT. STYLE VOID
 VOID CCT LOC'N.
 BLANK NO LOCKING RAMP
 I = LOCKING RAMP & POL. RIB
 S = OPT. PEG
 R = LOCKING RAMP ONLY

6. 'MX*' MARK AND PART I.D. '6471' APPEAR EITHER ON FRONT OR BACK SIDE. SEE END VIEW FOR SIDE SIDE ORIENTATION.

CORRECT DIMENSION
EC No. E2006-0751
DRWN: JDENNEHY 2006/02/27
CHKD: DWASZKIEWICZ 2006/02/27
APPR: JDENNEHY 2006/03/29
DESCRIPTION
REV

QUALITY SYMBOLS
GENERAL TOLERANCES (UNLESS SPECIFIED)
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.15 ± ---
1 PLACE ± 0.25 ± ---
ANGULAR ± --- °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY		4:1	METRIC	
DRAWN BY	DATE	TITLE		
SF	2000/07/14	2.54 MM KK CRP TRM HSG IL		
CHECKED BY	DATE	MOLEX INCORPORATED		
DWASZKIEWICZ	2006/02/27	SD-6471-N*-**		
APPROVED BY	DATE	SHEET NO.		
JDENNEHY	2006/02/27	1 OF 5		
MATERIAL NO.	DOCUMENT NO.	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

PART NO.
DWG. NO.
SD-6471-N

PART No.	ENG No.	No. OF CIRCUITS	RAMP & POL. RIBS	DIM. A	DIM. B
22-01-2025	E-6471-021	2	YES	SEE SHEET I FOR DIMENSION	SEE SHEET I FOR DIMENSION
22-01-2025	E-6471-021	3			
-2035	-031	4			
-2045	-041	5			
-2055	-051	6			
-2065	-061	7			
-2075	-071	8			
-2085	-081	9			
-2095	-091	10			
-2105	-101	11			
-2115	-111	12			
-2125	-121	13			
-2135	-131	14			
-2145	-141	15			
-2155	-151	16			
-2165	-161	17			
-2175	-171	18			
-2185	-181	19			
-2195	-191	20			
-2205	-201	21			
-2215	-211	22			
-2225	-221	23			
-2235	-231	24			
22-01-2245	-241	25			
NOT TOOLED	-251	26			
22-01-2265	-261	27			
NOT TOOLED	-271	28	YES		
22-01-2285	E-6471-281				

PART No.	ENG No.	No. OF CIRCUITS	LOCKING FEATURE	DIM. A	DIM. B
22-01-2026	E-6471-2	2	NO	SEE SHEET I FOR DIMENSION	SEE SHEET I FOR DIMENSION
22-01-2026	E-6471-2	3			
-2036	-3	4			
-2046	-4	5			
-2056	-5	6			
-2066	-6	7			
-2076	-7	8			
-2086	-8	9			
-2096	-9	10			
-2106	-10	11			
-2116	-11	12			
-2126	-12	13			
-2136	-13	14			
-2146	-14	15			
-2156	-15	16			
-2166	-16	17			
-2176	-17	18			
-2186	-18	19			
-2196	-19	20			
-2206	-20	21			
-2216	-21	22			
22-01-2226	-22	23			
NOT TOOLED	-23	24			
22-01-2246	-24	25			
NOT TOOLED	-25	26			
22-01-2266	-26	27			
22-01-2276	-27	28	NO		
22-01-2286	E-6471-28				

REVISE ONLY ON CAD SYSTEM SH. REV.

CAD FILE NAME: SD-6471-N-002
 THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TITLE: 2.54 mm KK Crp Trm Hsg II

MOLEX EUROPE SHEET NO: 20F DATE: 15/07/00

PART NO: SEE CHART DWG NO: SD-6471-N-002 SIZE: B

REVISIONS: LTR A SEE SHEET I.

DIMENSIONS SHOWN (METRIC) INCH
 UNLESS OTHERWISE SPECIFIED TOLERANCES SHALL BE AS FOLLOWS (METRIC)

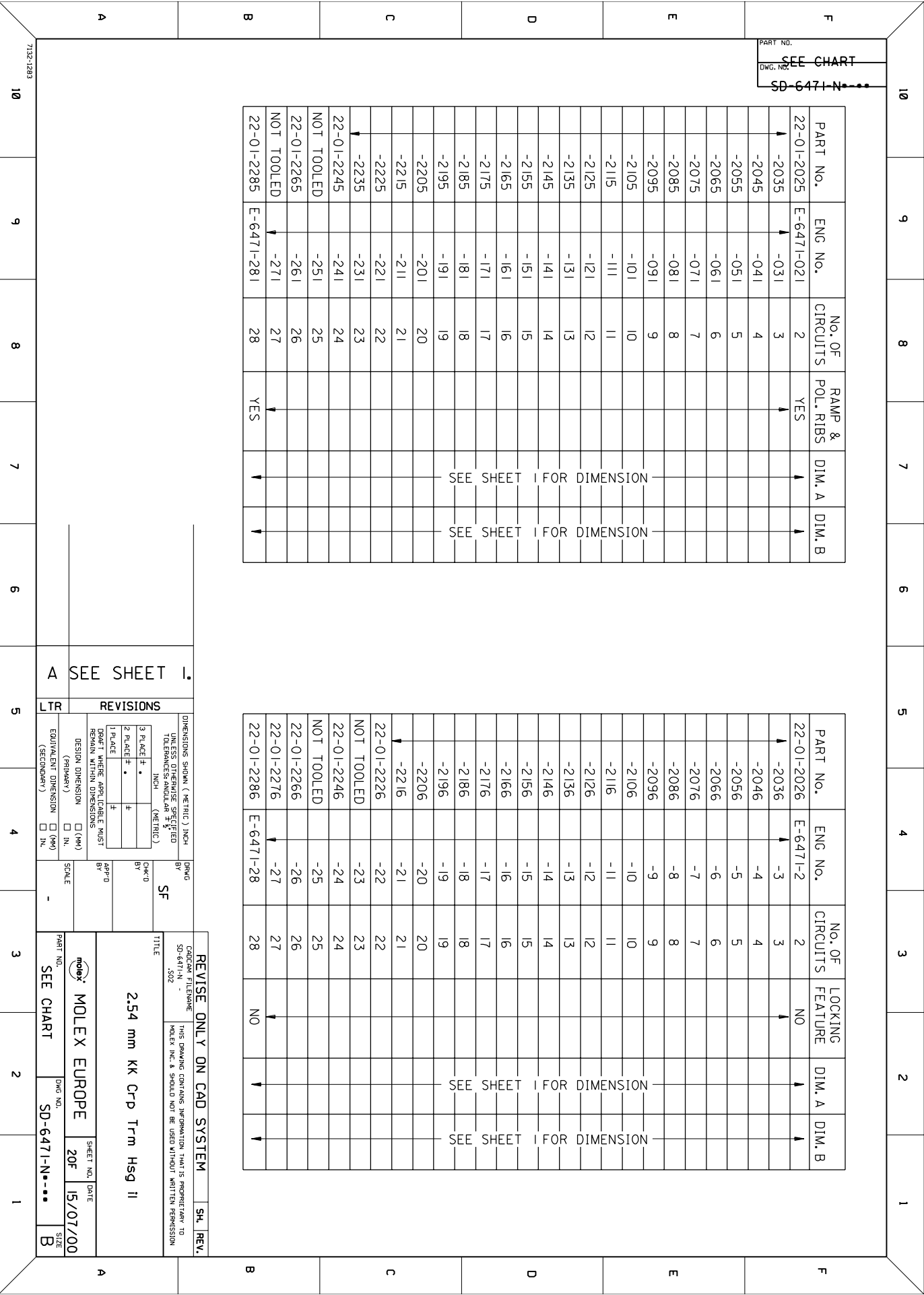
3 PLACE # .	0.001
2 PLACE # .	0.01
1 PLACE # .	0.1

WHICH APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DESIGN DIMENSION (PRIMARY) IN. MM
 EQUIVALENT DIMENSION (SECONDARY) IN. MM

SCALE: -

APPROVED BY: SF



PART NO.
DWG. NO.
SD-6471-N

PART No.	ENG No.	No. OF CIRCUITS	RAMP & POL. RIBS	VOID CCT LOCATION	DIM. A	DIM. B
22-01-4022	E-6471-021-02	2	YES	2	↑	↑
↓ -4032	↓ -031-02	3	↓	↓	↓	↓
↓ -4042	↓ -041-02	4				
↓ -4052	↓ -051-02	5				
↓ -4062	↓ -061-02	6				
↓ -4072	↓ -071-02	7				
↓ -4082	↓ -081-02	8				
↓ -4092	↓ -091-02	9				
↓ -4102	↓ -101-02	10				
↓ -4112	↓ -111-02	11				
↓ -4122	↓ -121-02	12				
↓ -4132	↓ -131-02	13				
↓ -4142	↓ -141-02	14				
↓ -4152	↓ -151-02	15				
↓ -4162	↓ -161-02	16				
↓ -4172	↓ -171-02	17				
↓ -4182	↓ -181-02	18				
↓ -4192	↓ -191-02	19				
↓ -4202	↓ -201-02	20				
↓ -4212	↓ -211-02	21				
↓ -4222	↓ -221-02	22				
↓ -4232	↓ -231-02	23				
↓ -4242	↓ -241-02	24				
↓ -4252	↓ -251-02	25				
↓ -4262	↓ -261-02	26				
↓ -4272	↓ -271-02	27				
22-01-4282	E-6471-281-02	28	YES	2	↑	↑

PART No.	ENG No.	No. OF CIRCUITS	LOCKING FEATURE	VOID CCT LOCATION	DIM. A	DIM. B
22-01-4021	E-6471-02-02	2	NO	2	↑	↑
↓ -4031	↓ -03-02	3	↓	↓	↓	↓
↓ -4041	↓ -04-02	4				
↓ -4051	↓ -05-02	5				
↓ -4061	↓ -06-02	6				
↓ -4071	↓ -07-02	7				
↓ -4081	↓ -08-02	8				
↓ -4091	↓ -09-02	9				
↓ -4101	↓ -10-02	10				
↓ -4111	↓ -11-02	11				
↓ -4121	↓ -12-02	12				
↓ -4131	↓ -13-02	13				
↓ -4141	↓ -14-02	14				
↓ -4151	↓ -15-02	15				
↓ -4161	↓ -16-02	16				
↓ -4171	↓ -17-02	17				
↓ -4181	↓ -18-02	18				
↓ -4191	↓ -19-02	19				
↓ -4201	↓ -20-02	20				
↓ -4211	↓ -21-02	21				
↓ -4221	↓ -22-02	22				
↓ -4231	↓ -23-02	23				
↓ -4241	↓ -24-02	24				
↓ -4251	↓ -25-02	25				
↓ -4261	↓ -26-02	26				
↓ -4271	↓ -27-02	27				
22-01-4281	E-6471-28-02	28	NO	2	↑	↑

SEE SHEET I FOR DIMENSION

SEE SHEET I FOR DIMENSION

SEE SHEET I FOR DIMENSION

SEE SHEET I FOR DIMENSION

REVISE ONLY ON CAD SYSTEM SH. REV.

CAD FILE NAME: SD-6471-N - 503

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

TITLE: 2.54 mm KK CrP Trm Hsg II

DATE: 13/07/00

SHEET NO: 30F

PART NO: SEE CHART

DWG NO: SD-6471-N-...

SIZE: B

REVISIONS:

NO.	DESCRIPTION	DATE
1	PLACE #	
2	PLACE #	
3	PLACE #	

DESIGN DIMENSION (MM) IN. (PRIMARY)

EQUIVALENT DIMENSION (MM) IN. (SECONDARY)

SCALE: -

APPROVED BY: [Signature]

DATE: [Date]

SEE SHEET I.

PART NO. SD-6471-N
DWG. NO. SEE CHART

HOUSING WITH OPTIONAL PEGS

PART No.	ENG No.	No. OF CIRCUITS	RAMP & POL. RIBS	DIM. A	DIM. B
NOT TOOLED	E-6471-7S	7	YES	↑	↑
↑	-8S	8	↑	↑	↑
↑	-9S	9	↑	↑	↑
↑	-10S	10	↑	↑	↑
↑	-11S	11	↑	↑	↑
↑	-12S	12	↑	↑	↑
↑	-13S	13	↑	↑	↑
↑	-14S	14	↑	↑	↑
↑	-15S	15	↑	↑	↑
↑	-16S	16	↑	↑	↑
↑	-17S	17	↑	↑	↑
↑	-18S	18	↑	↑	↑
↑	-19S	19	↑	↑	↑
↑	-20S	20	↑	↑	↑
↑	-21S	21	↑	↑	↑
↑	-22S	22	↑	↑	↑
↑	-23S	23	↑	↑	↑
↑	-24S	24	↑	↑	↑
↑	-25S	25	↑	↑	↑
↑	-26S	26	↑	↑	↑
↑	-27S	27	↑	↑	↑
NOT TOOLED	E-6471-28S	28	YES	↑	↑

PART No.	ENG No.	No. OF CIRCUITS	RAMP & POL. RIBS	VOID CCT LOCATION	DIM. A	DIM. B
22-01-4123	E-6471-12-11	12	NO	11	↑	↑
22-01-4124	↑	12	YES	11	↑	↑
NOT TOOLED	-121-11	12	NO	11	↑	↑
NOT TOOLED	-24-01	24	NO	1	↑	↑
NOT TOOLED	-241-01	24	YES	1	↑	↑
22-01-6132	-13-51	13	NO	2 & 5	↑	↑
NOT TOOLED	-131-51	13	YES	2 & 5	↑	↑
22-01-6134	-13-52	13	NO	9 & 12	↑	↑
22-01-6135	-131-52	13	YES	9 & 12	↑	↑
NOT TOOLED	-7-3	7	NO	3	↑	↑
97-00-0739	-71-3	7	YES	3	↑	↑
97-00-0061	-15-51	15	NO	2 & 8	↑	↑
NOT TOOLED	-151-51	15	YES	2 & 8	↑	↑
97-00-0189	-5-4	5	NO	4	↑	↑
97-00-0620	-51-4	5	YES	4	↑	↑
97-00-0619	↑	5	YES	3	↑	↑
97-00-0740	E-6471-61-3	6	YES	3	↑	↑

SEE SHEET I FOR DIMENSION

SEE SHEET I FOR DIMENSION

REVISE ONLY ON CAD SYSTEM SH. REV.

CAD FILE NAME: SD-6471-N - .S04
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TITLE: 2.54 mm KK CrP Trm Hsg II

MOLEX MOLEX EUROPE SHEET NO. DATE
40F 17/07/00

PART NO. SEE CHART DWG. NO. SD-6471-N-... SIZE B

SCALE: -

DESIGN DIMENSION (PRIMARY) IN. MM
EQUIVALENT DIMENSION (SECONDARY) IN. MM

APPROVED BY: SF

WHICH APPLICABLE MUST REMAIN WITHIN DIMENSIONS

3 PLACE # . #
2 PLACE # . #
1 PLACE # #

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES SHALL BE AS FOLLOWS (METRIC)

SEE SHEET I.

10 9 8 7 6 5 4 3 2 1

10 9 8 7 6 5 4 3 2 1

7132-1283

PART NO.
DWG. NO.
SD-6471-N

OPTIONAL STYLE VOID (SECTION E-E)

PART No.	ENG No.	No. OF CIRCUITS	VOID CCT LOCATION	RAMP & POL. RIBS	DIM. A	DIM. B
22-01-6021	E-6471-02-02B	2	2	NO	↓	↓
NOT TOOLED	-021-02B	2	↓	YES	↓	↓
22-01-6071	-07-02B	7		NO	↓	↓
NOT TOOLED	-071-02B	7		YES	↓	↓
22-01-6101	-10-02B	10		NO	↓	↓
NOT TOOLED	-101-02B	10		YES	↓	↓
22-01-6111	-11-02B	11	↓	NO	↓	↓
NOT TOOLED	E-6471-111-02B	11	2	YES	↓	↓

PART No.	ENG No.	No. OF CIRCUITS	RAMP ONLY	DIM. A	DIM. B
97-00-1062	E-6471-2R	2	YES	↓	↓
↓ -1063	↓ -3R	3	↓	↓	↓
-1064	-4R	4		↓	↓
-1065	-5R	5		↓	↓
-1066	-6R	6		↓	↓
-1067	-7R	7		↓	↓
-1068	-8R	8		↓	↓
-1069	-9R	9		↓	↓
-1070	-10R	10		↓	↓
-1071	-11R	11		↓	↓
-1072	-12R	12		↓	↓
-1073	-13R	13		↓	↓
-1074	-14R	14		↓	↓
-1075	-15R	15		↓	↓
↓ -1076	↓ -16R	16	↓	↓	↓
97-00-1077	-17R	17		↓	↓
NOT TOOLED	-18R	18		↓	↓
↓	-19R	19		↓	↓
↓	-20R	20		↓	↓
↓	-21R	21		↓	↓
↓	-22R	22		↓	↓
↓	-23R	23		↓	↓
↓	-24R	24		↓	↓
↓	-25R	25		↓	↓
↓	-26R	26		↓	↓
↓	-27R	27	↓	↓	↓
NOT TOOLED	E-6471-28R	28	YES	↓	↓

REVISE ONLY ON CAD SYSTEM SH. REV.

CAD FILE NAME: SD-6471-N - 505

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TITLE: 2.54 mm KK Cdr Trm Hsg II

DATE: 17/07/00

MOLEX EUROPE SHEET NO: 50F

SCALE: 1:1

DESIGN DIMENSION: IN. MM

EQUIVALENT DIMENSION: IN. MM

REVISIONS: LTR

SEE SHEET I.

