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Part Number: [0873400475](#)
Status: **Active**
Description: 2.00mm (.079") Pitch Milli-Grid™ Receptacle, Surface Mount (Very Low Profile), Top Entry, without Locating Pegs, with Pick-and-Place Cap, 0.38µm (15µ") Gold (Au) Plating, 4 Circuits, Lead-free, Tube

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Receptacles
Series [87340](#)
Application Board-to-Board
Product Literature Order No 987650-1991
Product Name Milli-Grid™

Physical

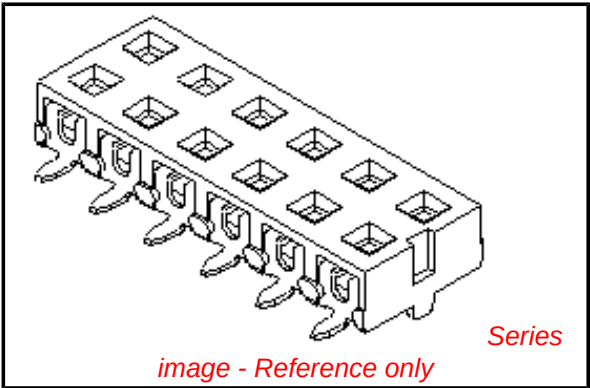
Circuits (Loaded) 4
Color - Resin Black
Durability (mating cycles max) 25
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part Yes
Material - Metal Phosphor Bronze
Material - Plating Mating Gold
Material - Plating Termination Tin
Material - Resin High Temperature Thermoplastic
Number of Rows 2
Orientation Vertical
PCB Locator No
PCB Retention None
Packaging Type Tube
Pitch - Mating Interface (in) 0.079 In
Pitch - Mating Interface (mm) 2.00 mm
Plating min: Mating (µin) 15
Plating min: Mating (µm) 0.38
Plating min: Termination (µin) 76
Plating min: Termination (µm) 1.9
Polarized to Mating Part No
Polarized to PCB No
Robotic Placement Pick and Place Cap
Surface Mount Compatible (SMC) N/A
Temperature Range - Operating -55°C to +105°C
Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 1A
Voltage - Maximum 125V

Solder Process Data

Duration at Max. Process Temperature (seconds) 14
Lead-free Process Capability Reflow Capable (SMT only)



EU RoHS

ELV and RoHS Compliant
REACH SVHC
Not Reviewed
Halogen-Free Status
Not Reviewed

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[87340Series](#)

Mates With
[87759](#) Vertical, Surface Mount, Stackable PCB Headers, [87760](#) Right Angle, Through Hole, Stackable PCB Headers, [87758](#) Vertical, Through Hole, Stackable PCB Headers

Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	265

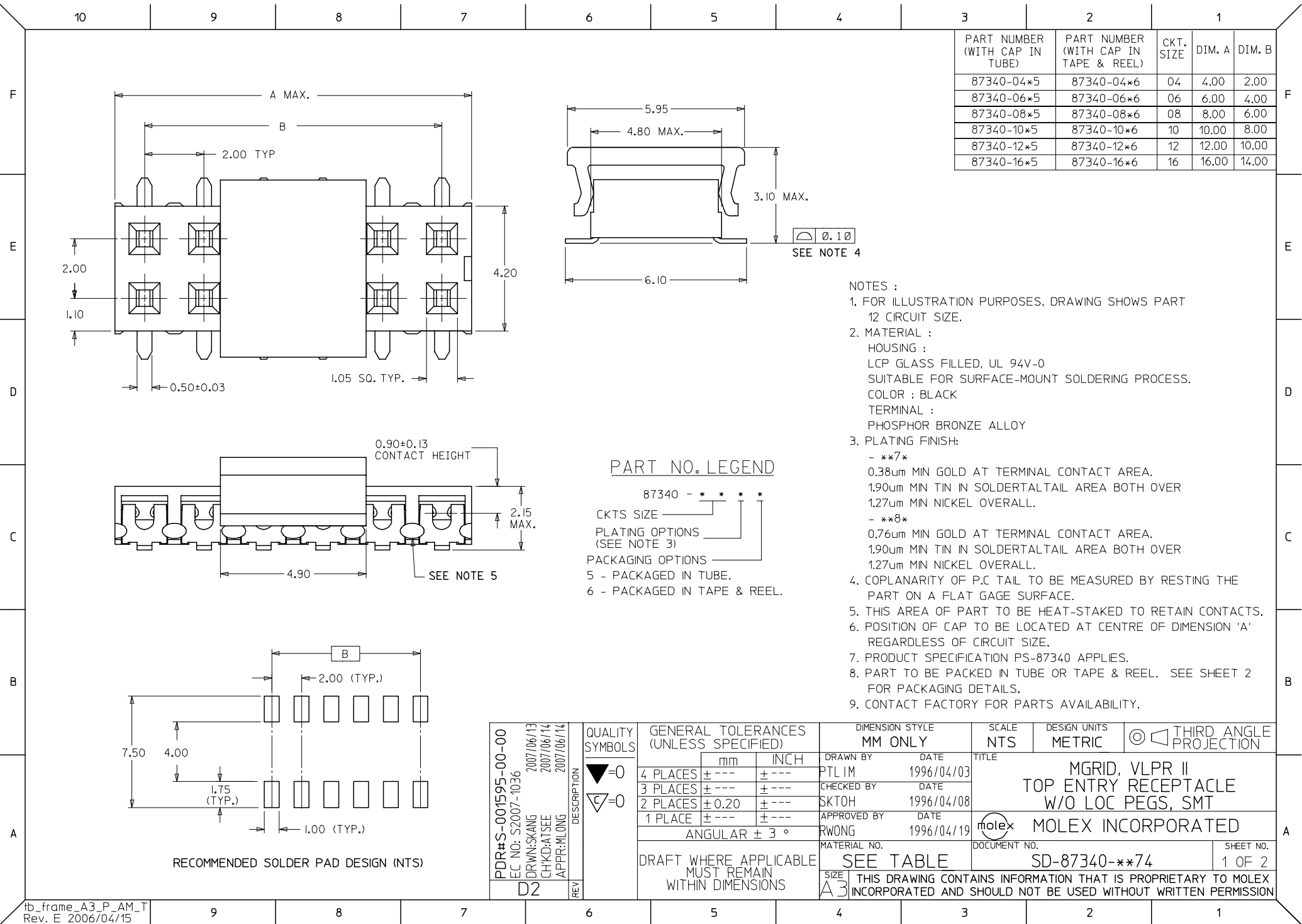
Material Info

Reference - Drawing Numbers

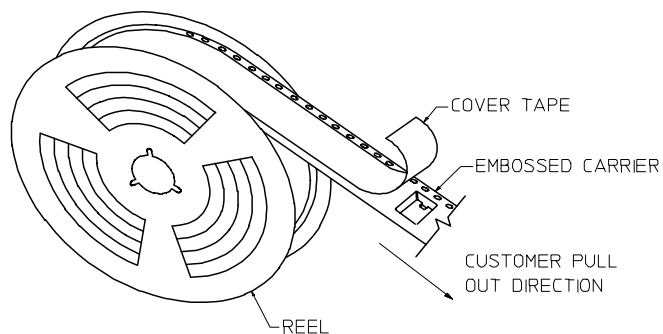
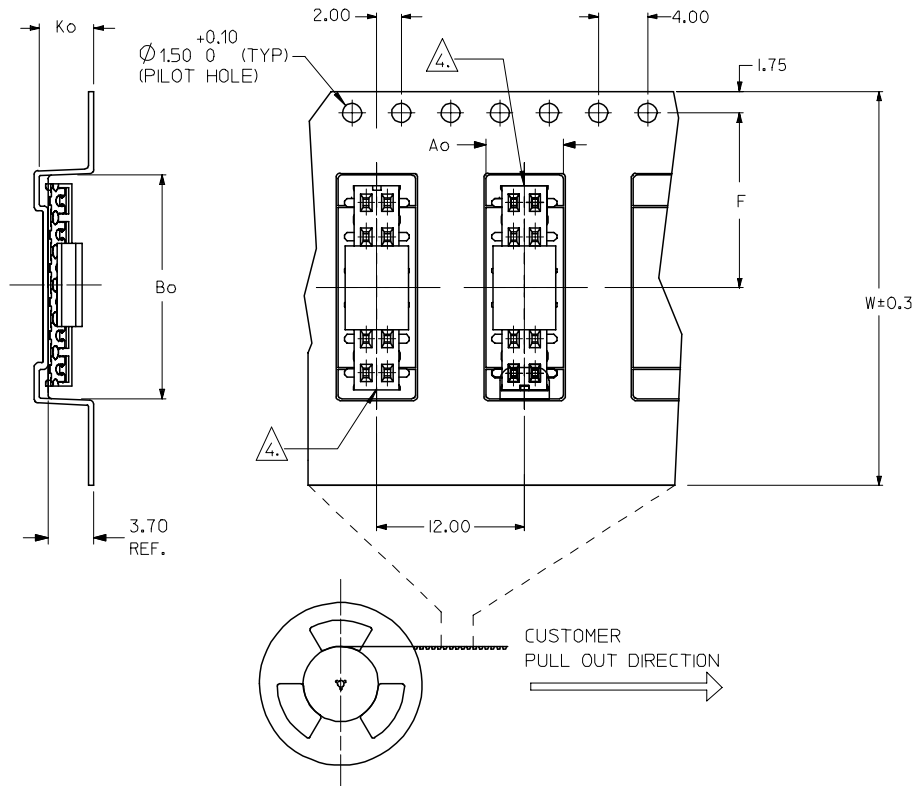
Sales Drawing	SD-87340-**74
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This document was generated on 05/03/2010

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EMBOSSED CARRIER TAPE WITH DIMENSIONS
(12 CKT IS SHOWN FOR ILLUSTRATION ONLY)

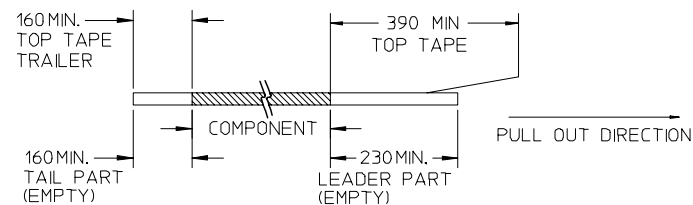


TAPE AND REEL ASSEMBLY SHOWN IS FOR ILLUSTRATION ONLY

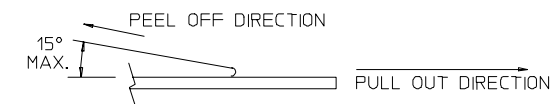
PART NO (WITH CAP IN TAPE & REEL)	CKT SIZE	Ao	Bo	F	W	Ko
87340-0476	04	6.70	5.30	11.50	24.00	5.30
87340-0676	06	6.70	6.40	11.50	24.00	5.30
87340-0686	06	6.70	6.40	11.50	24.00	5.30
87340-0876	08	6.70	8.50	11.50	24.00	5.30
87340-1076	10	6.70	10.40	11.50	24.00	5.30
87340-1276	12	6.70	12.40	11.50	24.00	5.30
87340-1686	16	6.70	16.30	11.50	24.00	5.30

NOTES:

1. LEADER AND TRAILER TAPE



2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)



3. PACKAGING STANDARD IS AS PER EIA-481.

4. TAPE & REEL QUANTITY = 1000 PCS/REEL

5. NO FIX ORIENTATION OF ASSEMBLY PART IN T&R.

PDR#S-001595-00-00	EC NO: S2007-1036	2007/06/13	2007/06/14	2007/06/14
DRWN:SKANG	CHKD:ATSEE	APPR:MLONG		
D2				

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.20	± ---
1 PLACE	± ---	± ---
ANGULAR ± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
PTL IM	1996/04/03
CHECKED BY	DATE
SKTOH	1996/04/08
APPROVED BY	DATE
RWONG	1996/04/19
MATERIAL NO.	
SEE TABLE	
SIZE	A3

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
NTS	METRIC	
TITLE		
MGRID, VLPR II TOP ENTRY RECEPTACLE W/O LOC PEGS, SMT		
MOLEX INCORPORATED		
DOCUMENT NO.	SHEET NO.	
SD-87340-***74	2 OF 2	