

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0872640853](#)
Status: **Active**
Description: 2.00mm (.079") Pitch Milli-Grid™ Receptacle, Side Entry, Through Hole, 0.76µm (30µ") Gold (Au) Selective, 8 Circuits, Leadfree

Documents:

3D Model	Product Specification PS-87264 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Receptacles
Series	87264
Application	Board-to-Board
Product Literature Order No	987650-1991
Product Name	Milli-Grid™

Physical

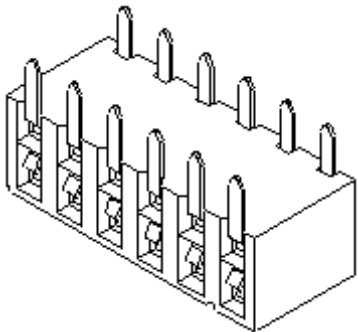
Circuits (Loaded)	8
Color - Resin	Black
Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Right Angle
PC Tail Length (in)	0.100 In
PC Tail Length (mm)	2.55 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 mm
Packaging Type	Tube
Pitch - Mating Interface (in)	0.079 In
Pitch - Mating Interface (mm)	2.00 mm
Plating min: Mating (µin)	30.4
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	101.6
Plating min: Termination (µm)	2.54
Polarized to PCB	No
Surface Mount Compatible (SMC)	Yes
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

Lead-free Process Capability	Wave Capable (TH only)
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*Series
image - Reference only*

EU RoHS

**ELV and RoHS
Compliant**
REACH SVHC
Contains SVHC: No
**Halogen-Free
Status**

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.

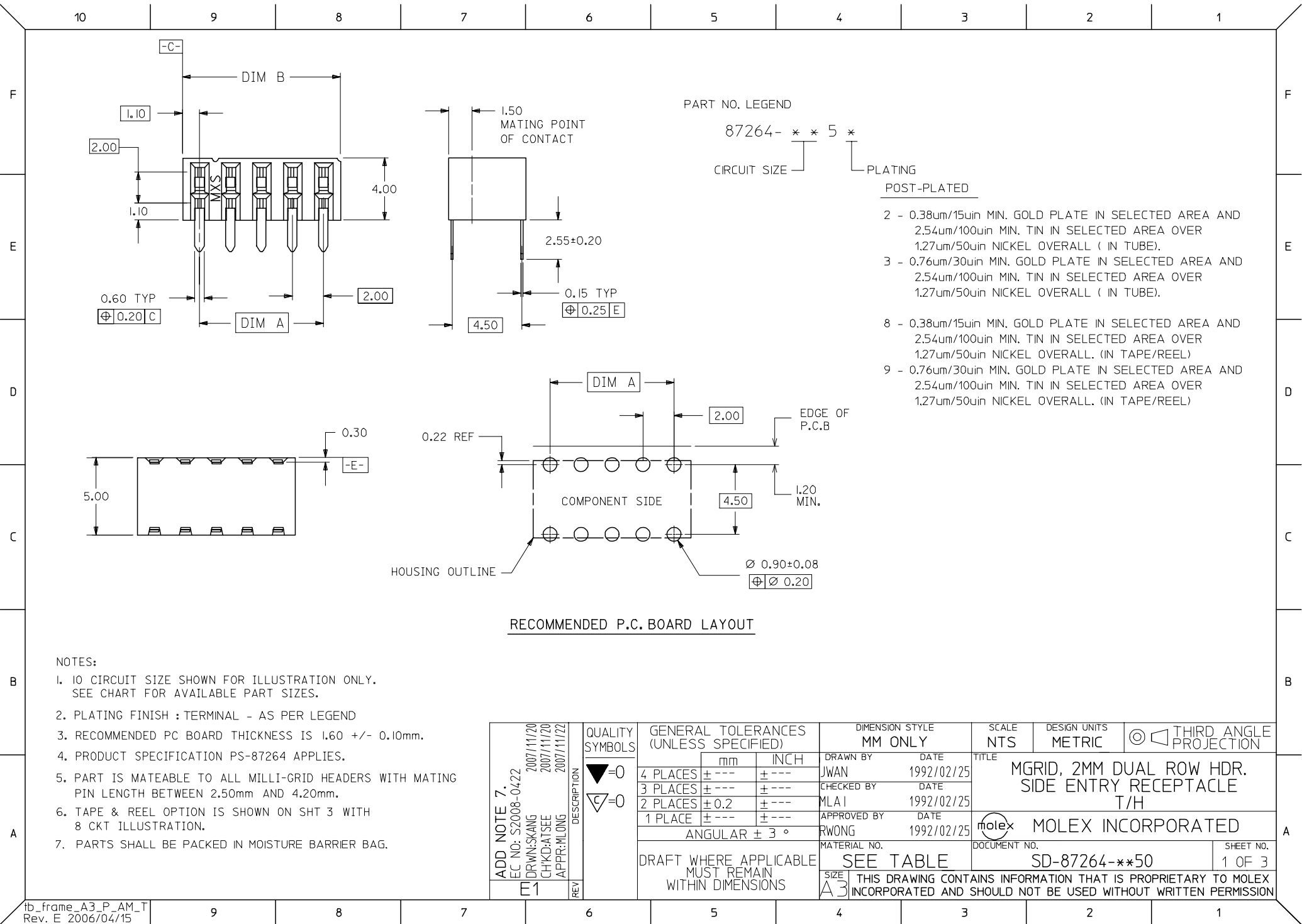
Search Parts in this Series
[87264Series](#)

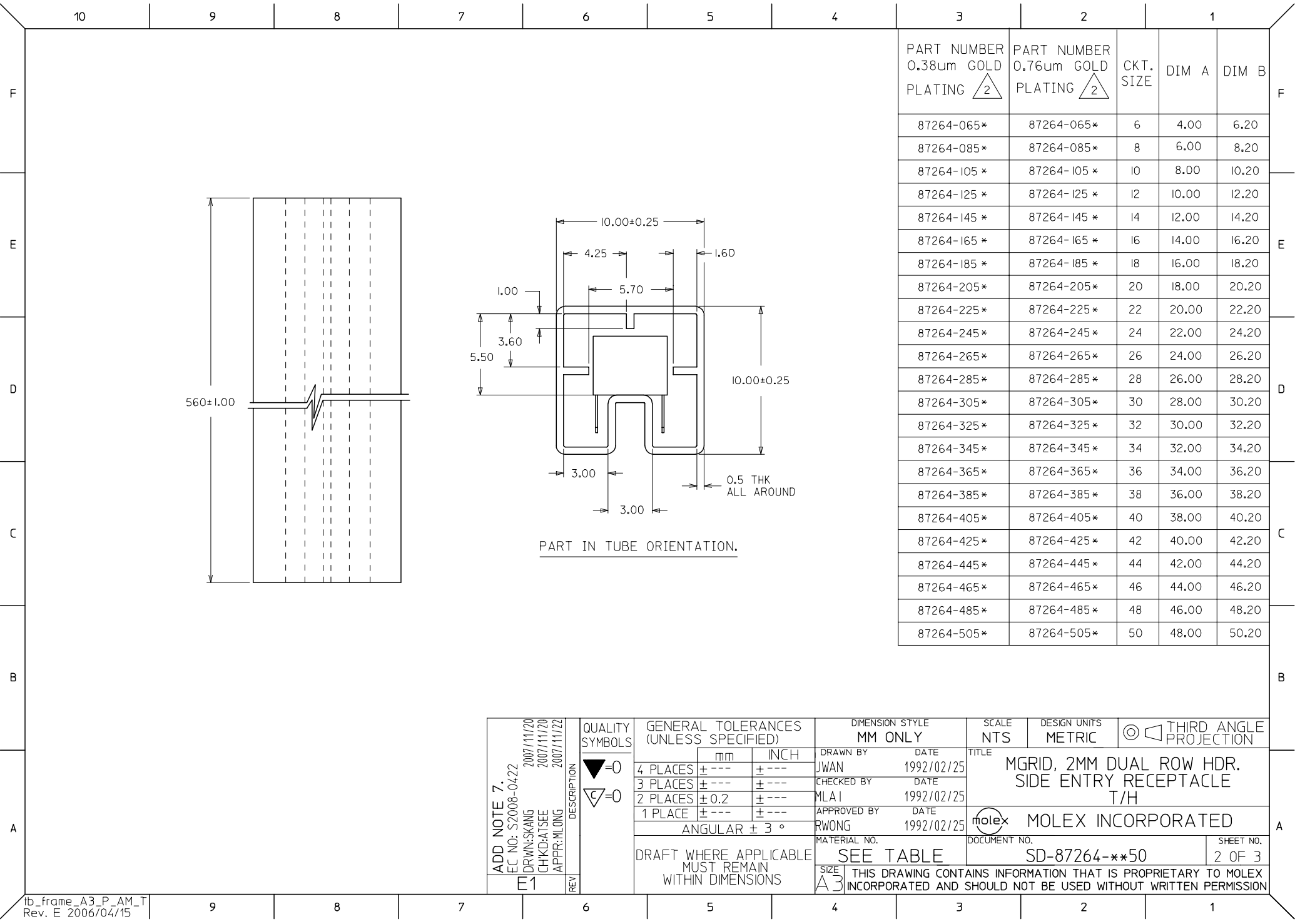
Mates With
[87758](#) , [87759](#) , [87760](#)

Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-87264
Sales Drawing	SD-87264-**50

This document was generated on 03/18/2010

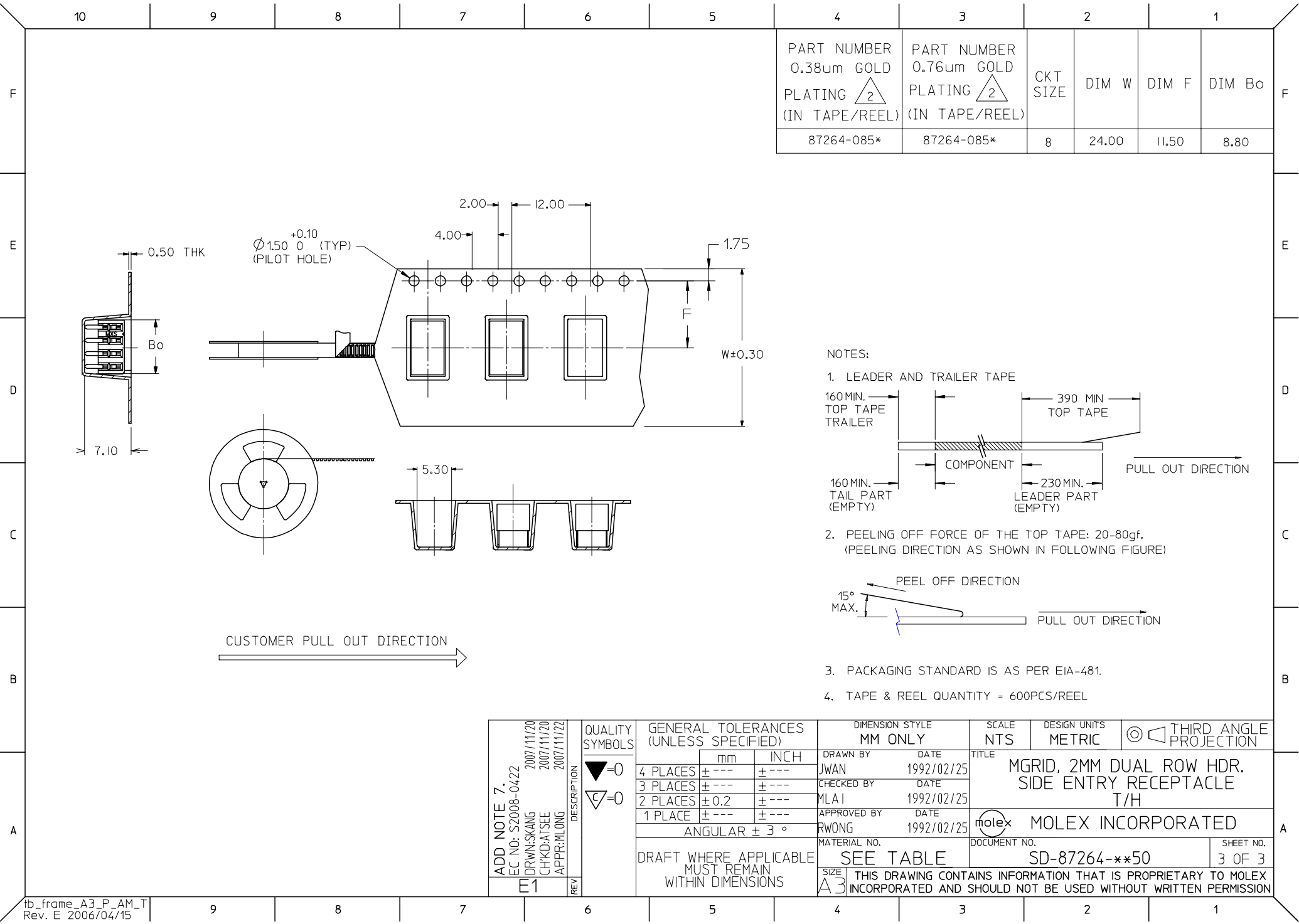
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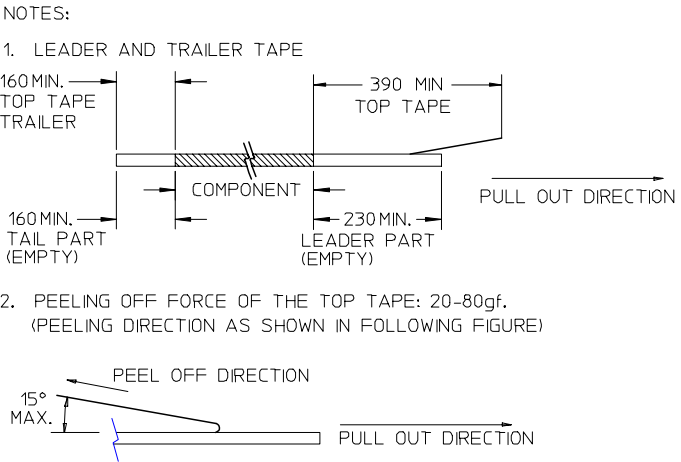


PART NUMBER 0.38um GOLD PLATING 	PART NUMBER 0.76um GOLD PLATING 	CKT. SIZE	DIM A	DIM B
87264-065*	87264-065*	6	4.00	6.20
87264-085*	87264-085*	8	6.00	8.20
87264-105*	87264-105*	10	8.00	10.20
87264-125*	87264-125*	12	10.00	12.20
87264-145*	87264-145*	14	12.00	14.20
87264-165*	87264-165*	16	14.00	16.20
87264-185*	87264-185*	18	16.00	18.20
87264-205*	87264-205*	20	18.00	20.20
87264-225*	87264-225*	22	20.00	22.20
87264-245*	87264-245*	24	22.00	24.20
87264-265*	87264-265*	26	24.00	26.20
87264-285*	87264-285*	28	26.00	28.20
87264-305*	87264-305*	30	28.00	30.20
87264-325*	87264-325*	32	30.00	32.20
87264-345*	87264-345*	34	32.00	34.20
87264-365*	87264-365*	36	34.00	36.20
87264-385*	87264-385*	38	36.00	38.20
87264-405*	87264-405*	40	38.00	40.20
87264-425*	87264-425*	42	40.00	42.20
87264-445*	87264-445*	44	42.00	44.20
87264-465*	87264-465*	46	44.00	46.20
87264-485*	87264-485*	48	46.00	48.20
87264-505*	87264-505*	50	48.00	50.20

ADD NOTE 7. EC NO: S2008-0422 2007/11/20 DRWN:SKANG CHKD:ATSEE 2007/11/20 APPR:MLONG 2007/11/22	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
		 =0  =0		mm	INCH	DRAWN BY	DATE	TITLE MGRID, 2MM DUAL ROW HDR. SIDE ENTRY RECEPTACLE T/H				
			4 PLACES	± ---	± ---	JWAN	1992/02/25					
			3 PLACES	± ---	± ---	CHECKED BY	DATE					
			2 PLACES	± 0.2	± ---	MLAI	1992/02/25					
			1 PLACE	± ---	± ---	APPROVED BY	DATE					
		ANGULAR ± 3 °		RWONG	1992/02/25	molex MOLEX INCORPORATED						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
SEE TABLE				SD-87264-**50		2 OF 3						
REV				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						



PART NUMBER 0.38um GOLD PLATING $\triangle_2$ (IN TAPE/REEL)	PART NUMBER 0.76um GOLD PLATING $\triangle_2$ (IN TAPE/REEL)	CKT SIZE	DIM W	DIM F	DIM Bo
87264-085*	87264-085*	8	24.00	11.50	8.80



3. PACKAGING STANDARD IS AS PER EIA-481.
4. TAPE & REEL QUANTITY = 600PCS/REEL

ADD NOTE 7. EC NO: S2008-0422 2007/11/20 DRWN:KANG CHKD:ATSEE 2007/11/20 APPR:MLONG 2007/11/22	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE NTS	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY JWAN	DATE 1992/02/25	TITLE MGRID, 2MM DUAL ROW HDR. SIDE ENTRY RECEPTACLE T/H			
			4 PLACES	± ---	± ---	CHECKED BY MLAI	DATE 1992/02/25				
			3 PLACES	± ---	± ---	APPROVED BY RWONG	DATE 1992/02/25				
			2 PLACES	± 0.2	± ---	MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-87264-**-50	SHEET NO. 3 OF 3		
			1 PLACE	± ---	± ---						
			ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS						
REV E1			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								