

PRODUCT NUMBER
91614-YXXZLF

WHEN NEEDED, SUFFIX LETTER "LF"
INDICATES THE PRODUCT IS RoHS
COMPATIBLE, SEE NOTE 7

OPTIONAL LETTER

A: PRODUCT WITH GREY HIGH TEMP HOUSING & GREY PICK UP CAP
PACKED IN TAPE & REEL SEE TA856.

G: PRODUCT WITH BLACK HIGH TEMP HOUSING & BLACK PICK UP CAP
PACKED IN TAPE & REEL SEE TA856.

NUMBER OF POSITIONS: 03 UP TO 25.
MORE THAN 25 POSITIONS ON SPECIAL REQUEST.

PLATING CODE

3= 0.76µm GOLD ON CONTACT AREA.

3.81µm TIN-LEAD ON TAIL.

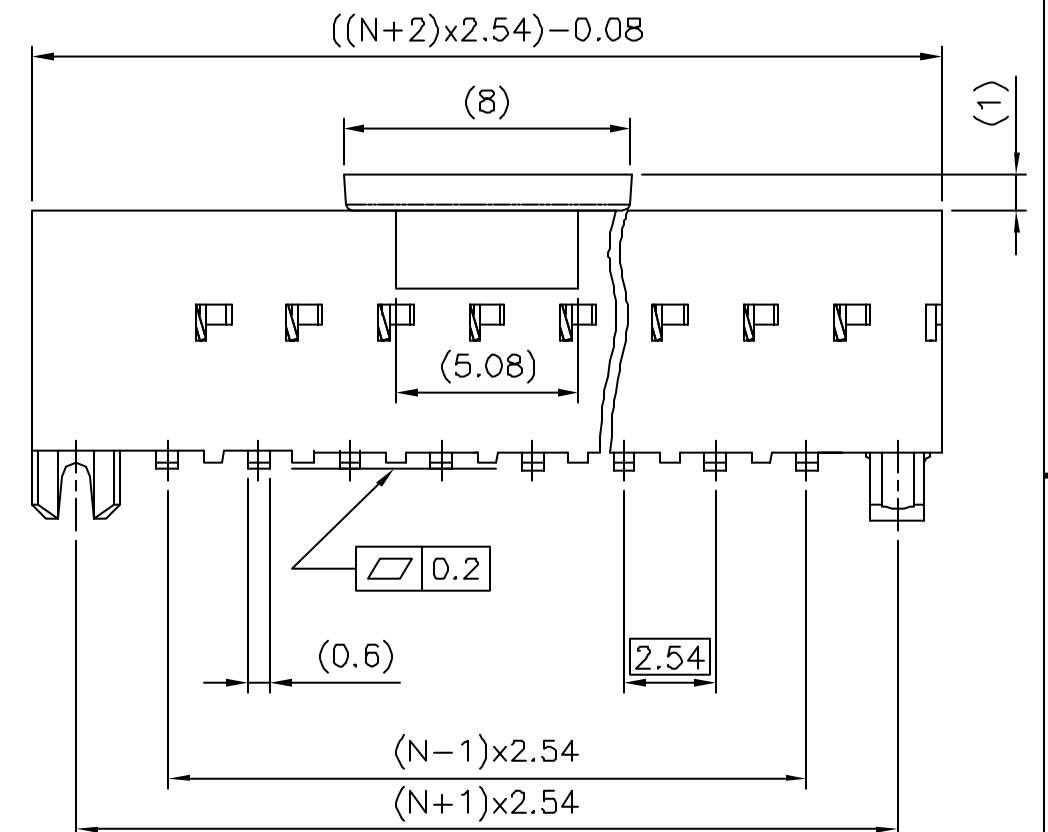
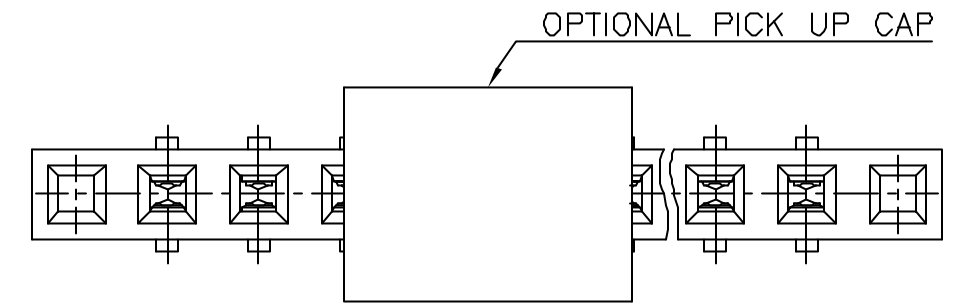
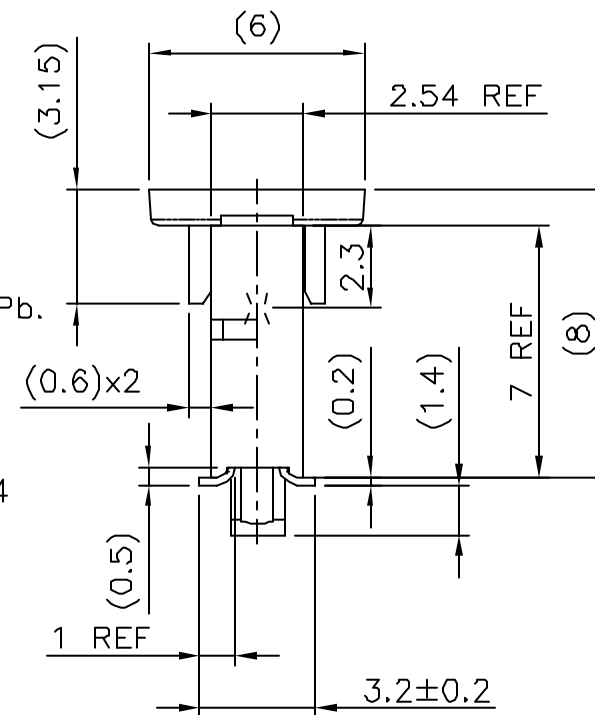
4= 5µm TIN-LEAD ON CONTACT AREA.

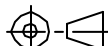
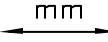
3.81µm TIN-LEAD ON TAIL.

WHEN SUFFIX "LF" IS REQUIRED, 2µm MIN MATTE
TIN OVER 1.27 MIN Ni IS SUPPLIED INSTEAD OF SnPb.

NOTES:

- 1 - HOUSING & PICK UP CAP MATERIAL: HIGH TEMPERATURE
THERMOPLASTIC GLASS FILLED FLAME RETARDANT PER UL 94
COLOR: GREY or BLACK
- 2 - TERMINAL MATERIAL: PHOSPHOR BRONZE.
- 3 - 91614-YXX(LF) & 91614-YXXG(LF) ARE PACKED IN TUBE.
- 4 - TO DETERMINE DIMENSIONS:
N = NUMBER OF POSITIONS
EXAMPLE: 8 POS: $((N+2) \times 2.54) - 0.08 = 25.32$ mm.
- 5 - RECOMMENDED IR PROFILE PER TA842.
- 6 - Ø2.65 MINI FOR PICK & PLACE ASSEMBLY(=0 INSERTION FORCE).
- 7 - RoHS COMPATIBLE PRODUCT SPECIFICATIONS
 - a - PLATING:
 - "LF" MEANS THE PRODUCT IS LEAD-FREE,
2µm MINIMUM MATTE TIN OVER 1.27µm
MINIMUM NICKEL UNDERPLATE.
 - b - MANUFACTURING PROCESS COMPATIBILITY
 - THE HOUSING WILL WITHSTAND EXPOSURE TO
260°C PEAK TEMPERATURE FOR 30 SECONDS
MAX IN A CONVECTION, INFRA-RED OR VAPOR
PHASE OR REFLOW OVEN.
 - c - LABELING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - d - LEGAL STATEMENT: SEE GS-22-008



mat'l. code SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family DUBOX															
Ltr		ecn no		dr		date		tolerances unless		otherwise specified				title BtB RECEPT. VERT SR SMT											
X		F07-0245		PNZ		07.08.14		angles		linear															
Y		F08-0102		PNZ		08.01.18																			
								±2°				scale 1:1													
T		F04-0347		DLE		04.11.10		dr		D LEGRAND		02.01.31				dwg no						sheet 1 of 2		size	
U		F06-0204		DLE		06.06.23		enr		P NIZZI		02.01.31				91614						A3			
V		F07-0165		DLE		07.03.30		chr		DLE		02.01.31													
W		F07-0234		LMU		07.07.10		appd		PNZ		02.01.31													
sheet		revision																							
index		sheet																							



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A

B

C

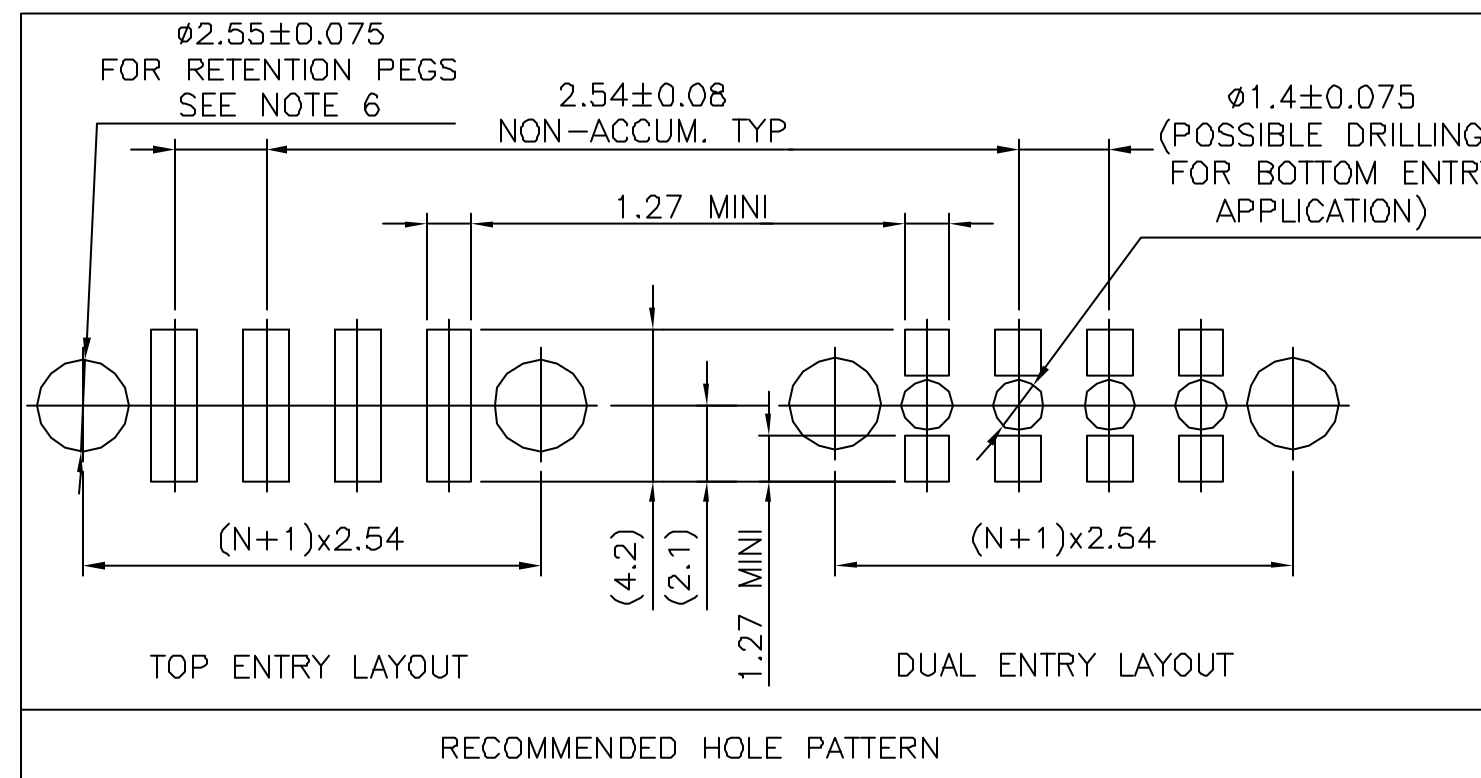
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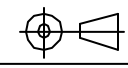
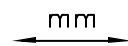
A

B

C

D



mat'l. code SEE NOTES				surface ISO 1302 ✓		tolerance ISO 406 ISO 1101		projection 		product family DUBOX										
ltr	ecn no	dr	date	tolerances unless otherwise specified							title BtB RECEPT. VERT SR SMT									
A	F04-0347	DLE	04.11.10	angles		linear		±0.3												
B	F06-0204	DLE	06.06.23																	
						±2°				scale 1:1										
				dr	D LEGRAND		04.11.10			dwg no				sheet 2 of -				size		
				engr	P NIZZI		04.11.10			91614				A3						
				chr	D LEGRAND		04.11.10													
				appd	P NZ		04.11.10													
sheet index		revision sheet																		

form: A3

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