

WE RECOMMEND THESE CONNECTORS FOR OPTIMAL SERVICE LEVEL



- SHORT LEAD-TIMES
- LOW MOQs
- QUICK SAMPLING
- AVAILABLE AT DISTRIBUTION

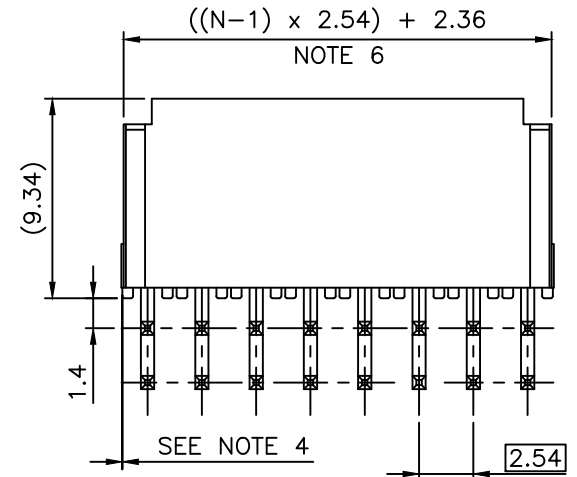
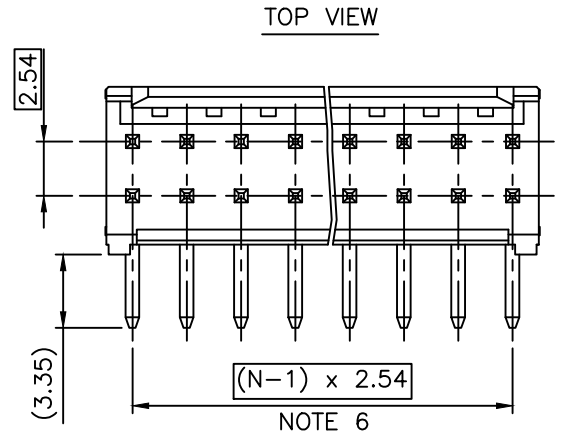
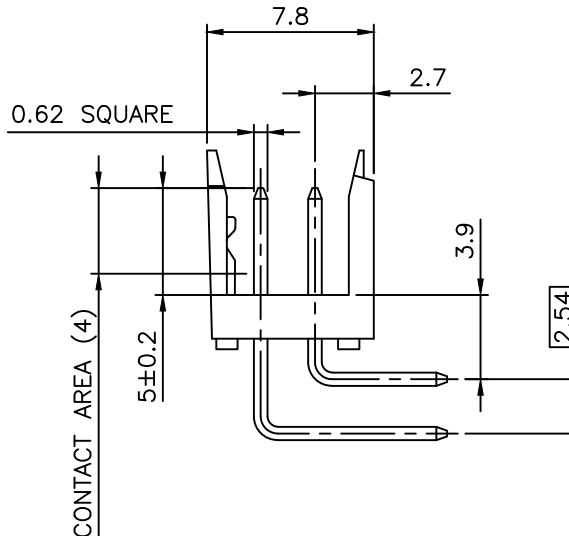
Preferred Part
76383-302LF
76383-303LF
76383-304LF
76383-305LF
76383-306LF
76383-307LF
76383-308LF
76383-309LF
76383-310LF

PLATING
3 = 0.76µm GOLD/GXT ON CONTACT AREA
2µm TIN MIN ON TAIL
1.27µm Ni MIN UNDERLAYER

RoHS COMPATIBLE
SEE NOTE 7
NUMBER OF POSITIONS

NOTES:

1. BODY MATERIAL: POLYESTER 30% GLASSFILLED COLOR BLUE, FLAME RETARDANT PER UL-94 V0.
2. CONTACT MATERIAL: PHOSPHOR BRONZE.
3. 15N MIN PIN RETENTION IN EITHER DIRECTION
4. 0.6 MAX PROTRUSION PERMITTED AT 4 PLACES
5. PACKAGING :
 - POLYBAGS FROM 2 x 02 TO 2 x 06 POSITIONS
 - TUBE FROM 2 x 07 TO 2 x 36 POSITIONS
6. TO DETERMINE DIMENSIONS :
N = NUMBER OF POSITIONS PER ROW
EXAMPLE : 8 POS N x 2.54 = 20.32mm
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 ±5°C SOLDER BATH TEMPERATURE FOR 5 SECONDS IN A WAVE SOLDER APPLICATION WITH A 1.6mm MIN THICK CIRCUIT BOARD.
 - REFLOW COMPATIBLE MATERIAL ON DEMAND. PLEASE CONTACT US.
 - c - LABELING:
 - MEETS PACKAGING SPECS AS PER GS-14-920
 - d - LEGAL STATEMENT: SEE GS-47-0004
8. THIS PART SERIES IS NOT INITIALLY INTENDED FOR AUTOMOTIVE APPLICATIONS. ADDITIONAL FEES ARE CHARGEABLE FOR ANY ADDITIONAL QUALIFICATION AND TEST REPORTS PERFORMED OUTSIDE THE SCOPE OF THE STANDARD PRODUCT SPECIFICATIONS.
9. UNLESS OTHERWISE APPROVED BY AMPHENOL, ALL PARTS AND COMPONENTS ARE DESIGNED & BUILT ACCORDING TO AMPHENOL'S SPECIFICATIONS WHICH ARE SUBJECT TO CHANGE WITHOUT NOTICE.



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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
M	F10-0043	LMU	10.05.03	angles linear		.X ±0.3			SHR. HEADER RA DR TMT																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
N	F-21810	AMA	15.06.19			.XX ±0.15																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
P	F-38327	DDE	20.09.11			.XXX ±0.05																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
R	F-54447	DDE	25.01.28	dr	D.LEGRAND 01.01.24		scale 5:1								dwg no		sheet 1 of 2		size A3																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
S	F-293257	DDE	26.06.12	engr	J.COMPAGNON 01.01.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
T	F-300931	APH	26.08.10	chr	J.COMPAGNON 01.01.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
				appd	JF.NOTTEAU 01.01.24																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								
sheet index		revision sheet		T 1	A 2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

EXTENDED RANGE

PRODUCT NUMBER
76383-YXXLF

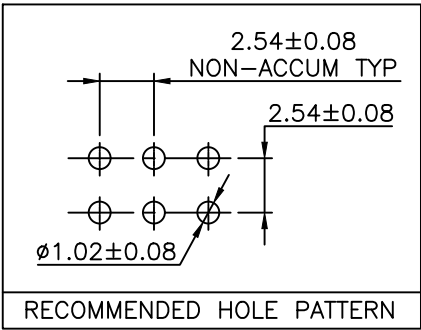
RoHS COMPATIBLE, SEE NOTE 7

PLATING
(AS AVAILABLE)

NUMBER OF POSITIONS PER ROW : 02 TO 36

3=0.76µm GOLD/GXT ON CONTACT AREA
2µm MIN MATTE TIN ON TAIL
1.27µm Ni MIN UNDERPLATING

4=2µm MIN MATTE TIN FULL PLATED
1.27µm Ni MIN UNDERPLATING



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			
A	F-54447	DDE	25.01.28	angles linear		.X ±0.3				SHR. HEADER RA DR TMT			
						.XX ±0.15							
						.XXX ±0.05							
								scale 5:1	dwg no		sheet 2 of 2	size	
				dr	D.LEGRAND	01.01.24			76383		A3		
				enrg	J.COMPAGNON	01.01.24			type CUSTOMER Drawing				
				chr	J.COMPAGNON	01.01.24							
				appd	JF.NOTTEAU	01.01.24							
sheet index		revision sheet											