

D

C

B

A

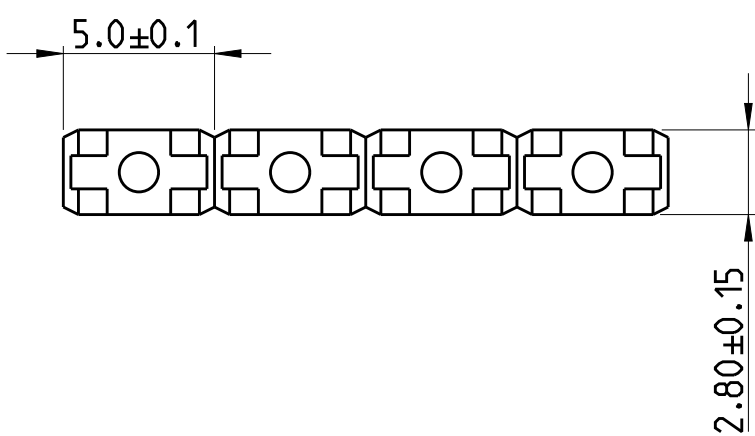
D

C

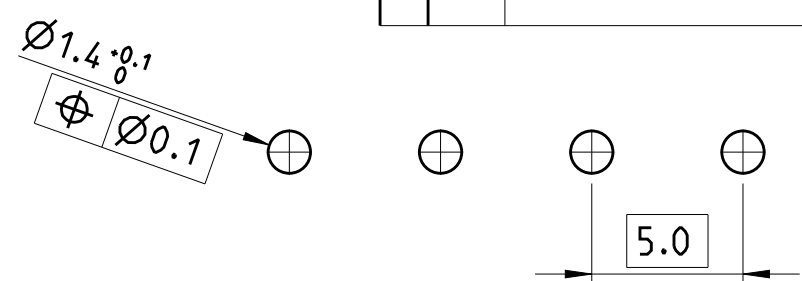
B

A

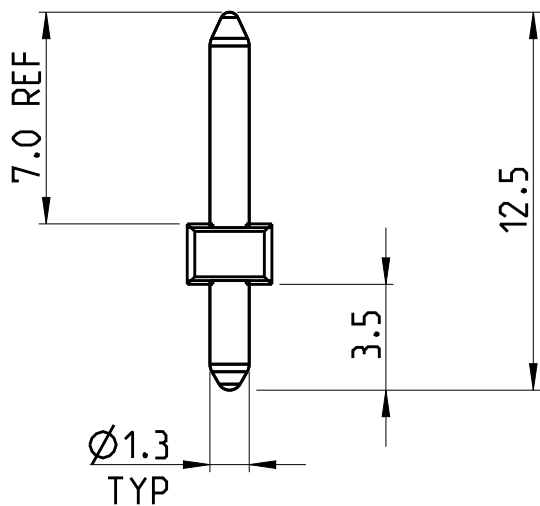
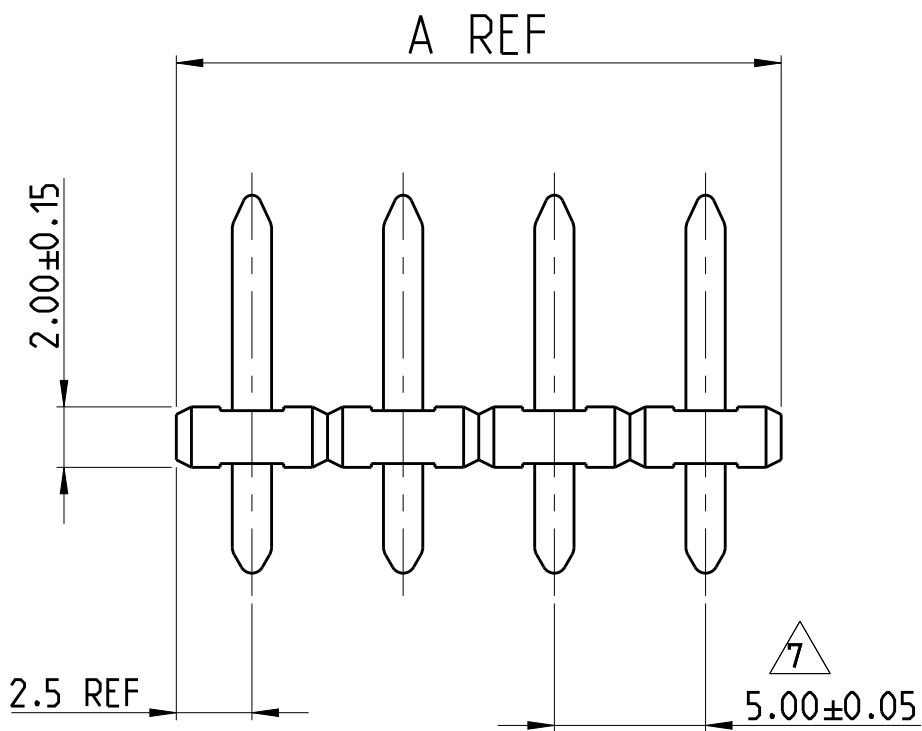
LOC		DIST		REVISIONS					
FT		0		P	LTR	DESCRIPTION	DATE	DWN	APVD
					A9	REVISED PER ECO-14-009593	01JUL2014	NK	MM
					A10	CORRECTION OF NOTES	08JUN2016	FP	NG



1546931-4 AS SHOWN



RECOMMENDED PC BOARD LAYOUT



NOTES

- 1 MATERIALS AND FINISH:
HOUSING: HIGH TEMP PA, UL 94-V0, COLOR: SEE TABLE.
TEMPERATURE RATING OF 260°C AT 1 MINUTE.
TERMINAL: BRASS, TIN PLATED.
2. MECHANICAL
MAX. INSERTION FORCE PER HOLE : 2 N
MIN. WITHDRAWAL FORCE PER HOLE : 1.2 N
MAX PC BOARD THICKNESS : 2.4mm
MIN PC BOARD HOLE DIAMETER : 1.4mm
3. ELECTRICAL
WIRE RANGE : 30 - 14 AWG
MAX. VOLTAGE : 300 V
MAX CURRENT : 12 A
CONTACT RESISTANCE : < 15 m Ohm
INSULATION RESISTANCE : > 1000 M Ohm (500V DC)
4. END-TO-END STACKABLE WITHOUT LOSS OF CENTERLINE SPACING.
5. RECOGNIZED UNDER THE COMPONENT PROGRAM OF UNDERWRITERS LABORATORIES INC. FILE N° E60677.
6. OPERATING TEMPERATURE RANGE: -40°C TO +110°C
- 7 NOT CUMULATIVE TOLERANCE.

PRELIMINARY	BLACK	TIN	TAPE AND REEL	55	11	3-1546931-5
PRELIMINARY	BLACK	TIN	TAPE AND REEL	45	9	3-1546931-4
	GRAY	TIN	-	45	9	3-1546931-3
	BLACK	TIN	TAPE AND REEL	15	3	3-1546931-2
PRELIMINARY	BLACK	TIN	TAPE AND REEL	10	2	3-1546931-1
OBSOLETE	BLACK	0.254um GOLD	-	10	2	3-1546931-0
	BLACK	TIN	TAPE AND REEL	25	5	2-1546931-9
	BLACK	TIN	TAPE AND REEL	20	4	2-1546931-8
OBSOLETE	BLACK	TIN	TUBES	25	5	2-1546931-7
OBSOLETE	BLACK	TIN	TUBES	20	4	2-1546931-6
	BLACK	TIN		125	25	2-1546931-5
	BLACK	TIN		120	24	2-1546931-4
	BLACK	TIN		115	23	2-1546931-3
	BLACK	TIN		110	22	2-1546931-2
	BLACK	TIN		105	21	2-1546931-1
	BLACK	TIN		100	20	2-1546931-0
	BLACK	TIN		95	19	1-1546931-9
	BLACK	TIN		90	18	1-1546931-8
	BLACK	TIN		85	17	1-1546931-7
	BLACK	TIN		80	16	1-1546931-6
	BLACK	TIN		75	15	1-1546931-5
	BLACK	TIN		70	14	1-1546931-4
	BLACK	TIN		65	13	1-1546931-3
	BLACK	TIN		60	12	1-1546931-2
OBSOLETE	BLACK	TIN		55	11	1-1546931-1
	BLACK	TIN		50	10	1-1546931-0
	BLACK	TIN		45	9	1546931-9
	BLACK	TIN		40	8	1546931-8
	BLACK	TIN		35	7	1546931-7
	BLACK	TIN		30	6	1546931-6
	BLACK	TIN		25	5	1546931-5
	BLACK	TIN		20	4	1546931-4
	BLACK	TIN		15	3	1546931-3
	BLACK	TIN		10	2	1546931-2
	BLACK	TIN				
COLOR		PLATING	PACKAGING	A REF	NO OF POSN	PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
1 -

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ±0.3

1 PLC ±0.25

2 PLC ±0.25

3 PLC ±0.25

4 PLC ±0.25

ANGLES ±2°

FINISH 1

1

DWN S.WELDON 30JAN2004

CHK C.RICHARD 30JAN2004

APVD C.RICHARD 30JAN2004

PRODUCT SPEC 108-20166

APPLICATION SPEC 114-20079

WEIGHT -

CUSTOMER DRAWING

TE Connectivity

NAME
TERMINAL BLOCK, PIN HEADER, UNSHROUDED, HIGH TEMPERATURE, 5.0mm PITCH

SIZE A2 CAGE CODE 00779 DRAWING NO 1546931

RESTRICTED TO -

SCALE 4:1 SHEET 1 OF 2 REV A10

THIS DRAWING IS UNPUBLISHED.

RELEASED FOR PUBLICATION20

ALL RIGHTS RESERVED.

LOC	DIST	REVISIONS				
FT	0	P	LTR	DESCRIPTION	DATE	APVD
		-		SEE SHEET 1	-	-

D

D

C

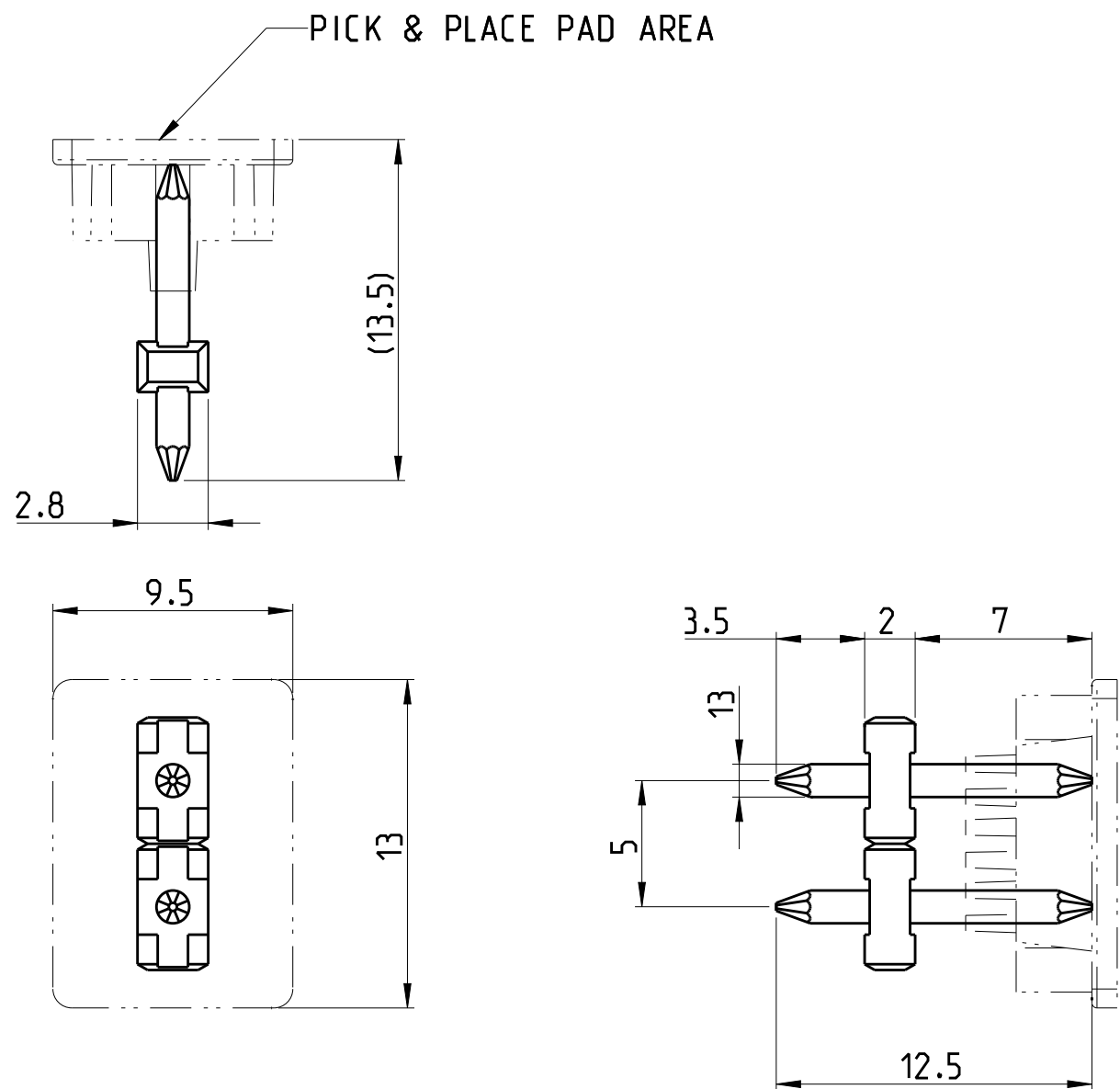
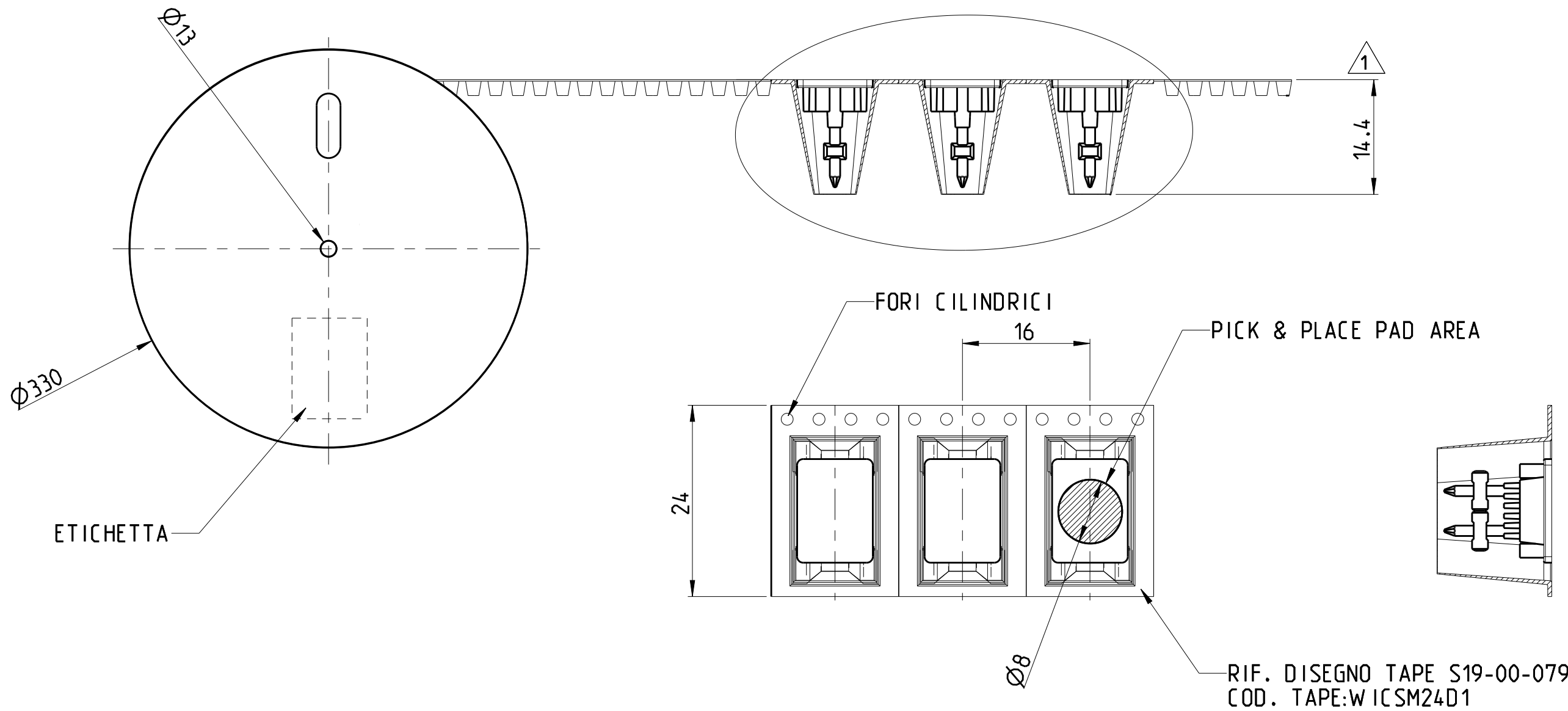
C

B

B

A

A



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN S. WELDON	30 JAN 2004	TE Connectivity		
		CHK C. RICHARD	30 JAN 2004			
		APVD C. RICHARD	30 JAN 2004	NAME TERMINAL BLOCK, PIN HEADER, UNSHROUDED, HIGH TEMPERATURE, 5.0mm PITCH		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		SIZE A2		
		0 PLC ± 1 PLC ±0.3 2 PLC ±0.25 3 PLC ± 4 PLC ± ANGLES ±2° FINISH		CAGE CODE 00779		
MATERIAL				DRAWING NO 114-20079		
				RESTRICTED TO -		
				SCALE 4:1		
				SHEET 2 OF 2		
				REV A10		
				CUSTOMER DRAWING		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[2-1546931-5](#)