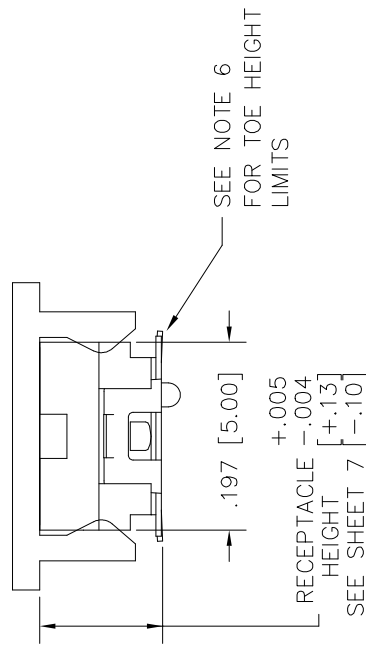
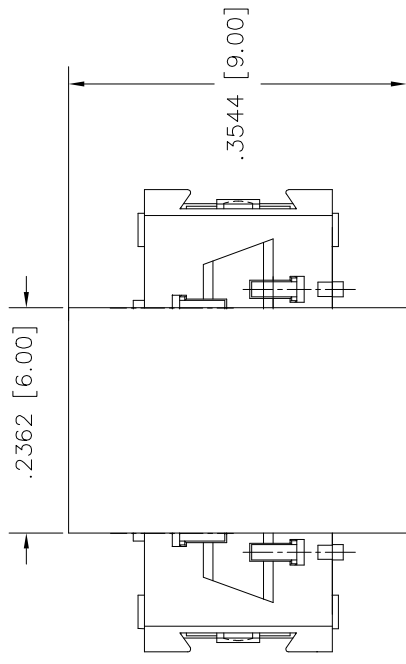
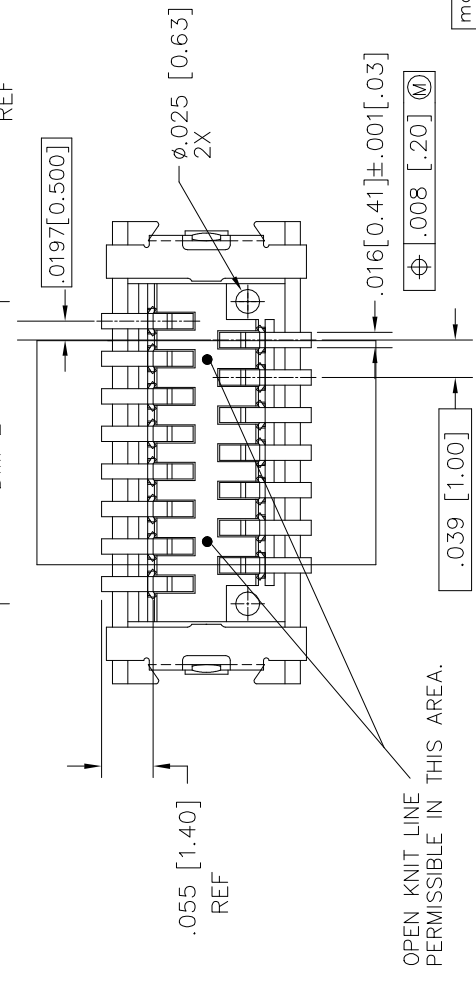
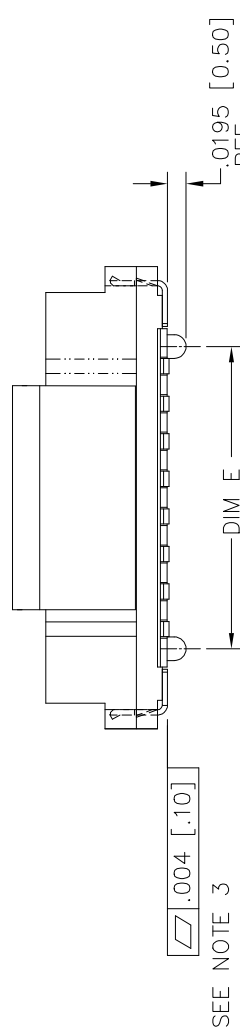
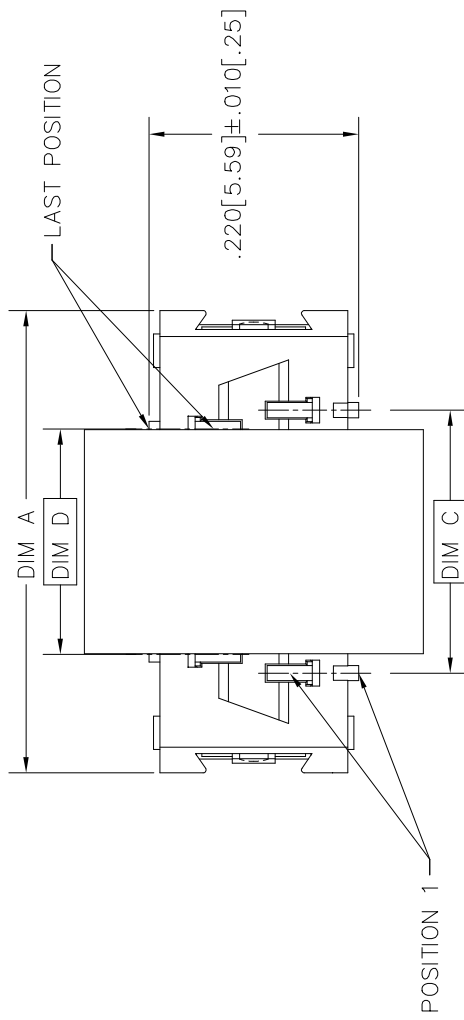


mat'l. code		surface		tolerance		projection		product family	
		ISO 1302		ISO 406		ISO 1101		CONAN®	
itr		ecn no		dr		date		title	
AG		ELX-N-14208		GM		2013-03-17		CONAN® CONNECTOR ASSEMBLY	
AH		ELX-N-22454		EH		2015-10-11		dwg no	
AJ		-		EH		2015-12-12		91900	
AK		ELX-N-26578		TONY		2017-04-07		sheet 1 of 7	
AL		ELX-N-26810		TONY		2017-04-26		size	
AM		ELX-N-35652		Bob		2019-12-17		A3	
AN		ELX-N-37277		Bob		2020-06-04		type	
sheet		revision		AL		AM		Product Customer Drawing	
index		sheet		1		7		D	

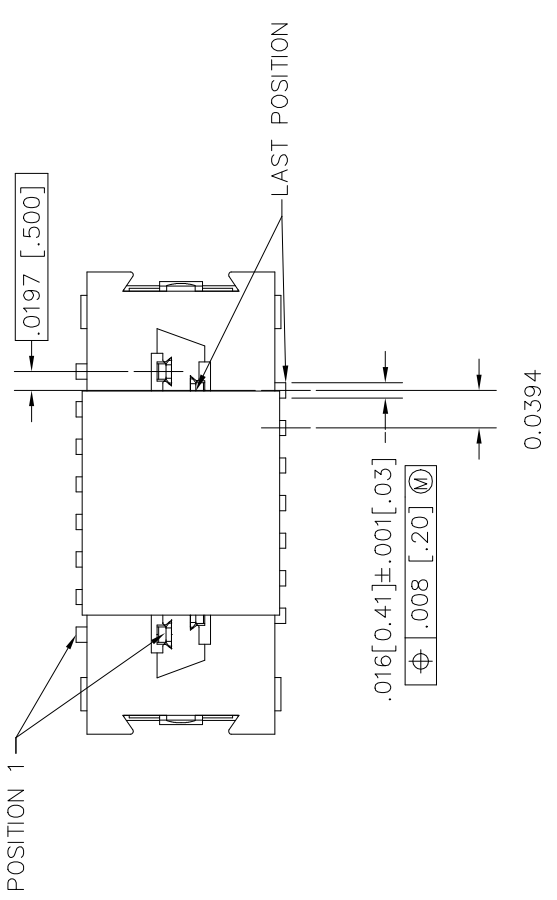
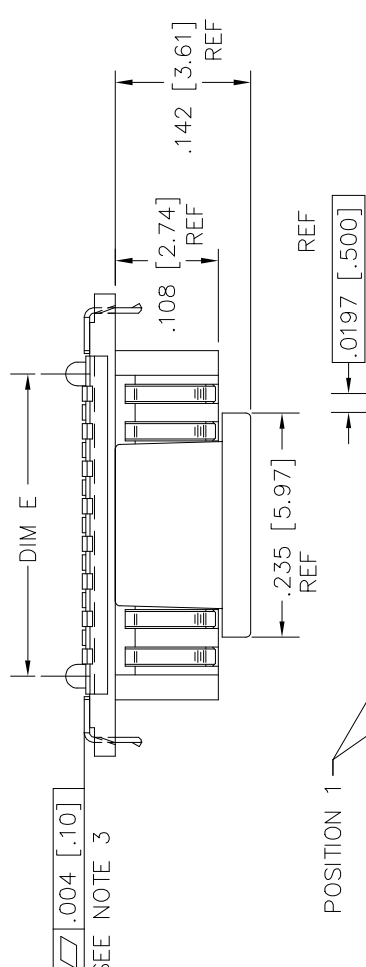
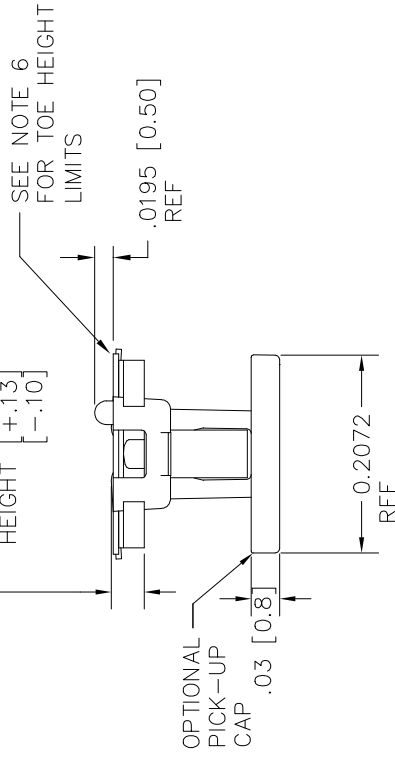
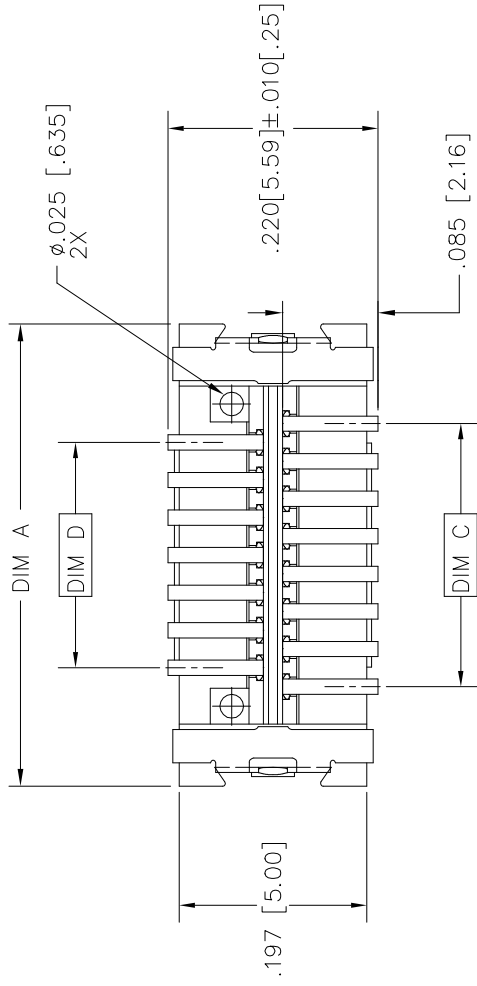
PRODUCT NUMBER  
SEE TABLE



mat'l. code		surface	tolerance	projection	product family
ISO 1302		ISO 406	ISO 1101	CONAN®	
tolerances unless otherwise specified		angles	linear	INCH/MM	title
0°±x°		.00±.10	scale 1:1	CONAN® CONNECTOR ASSEMBLY	
dr	Eric Huang	2019-12-17	dwg no	sheet 2 of 7	size
engr	Bob Gu	2020-06-04	91900	A3	
chr	LQ Lei	2020-06-04	type	Product Customer Drawing	
appd	Tim Yao	2020-06-04			
sheet index	revision sheet				



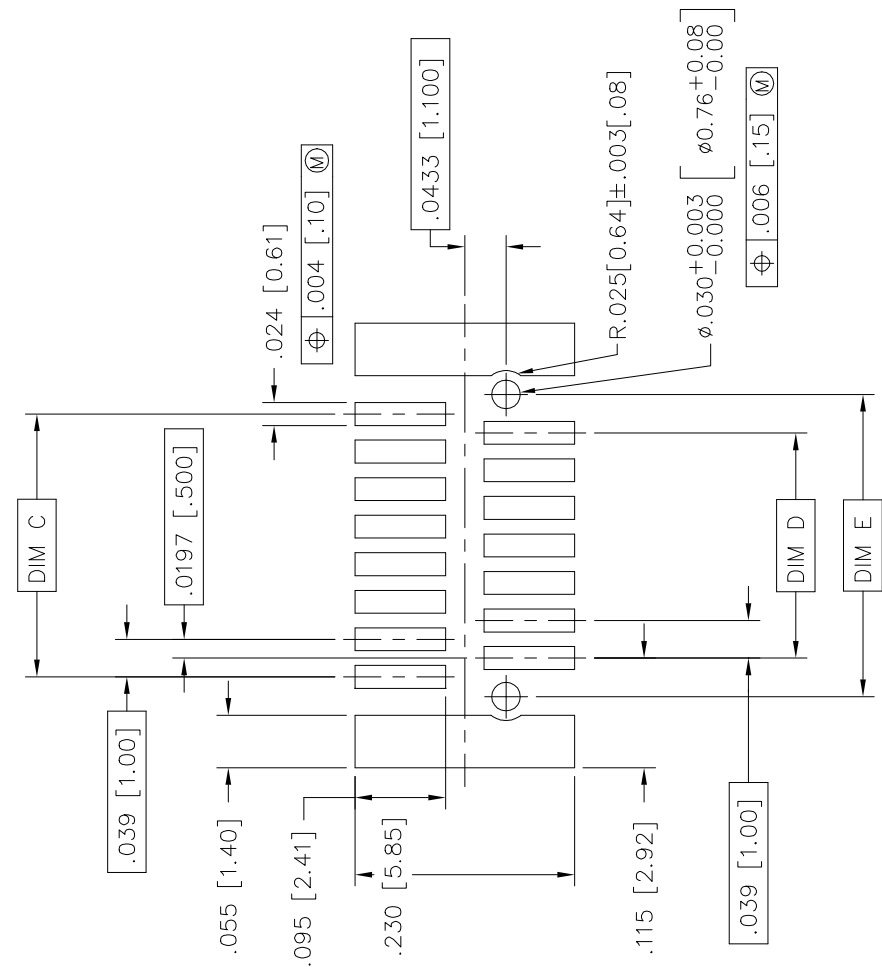
PRODUCT NUMBER  
SEE TABLE



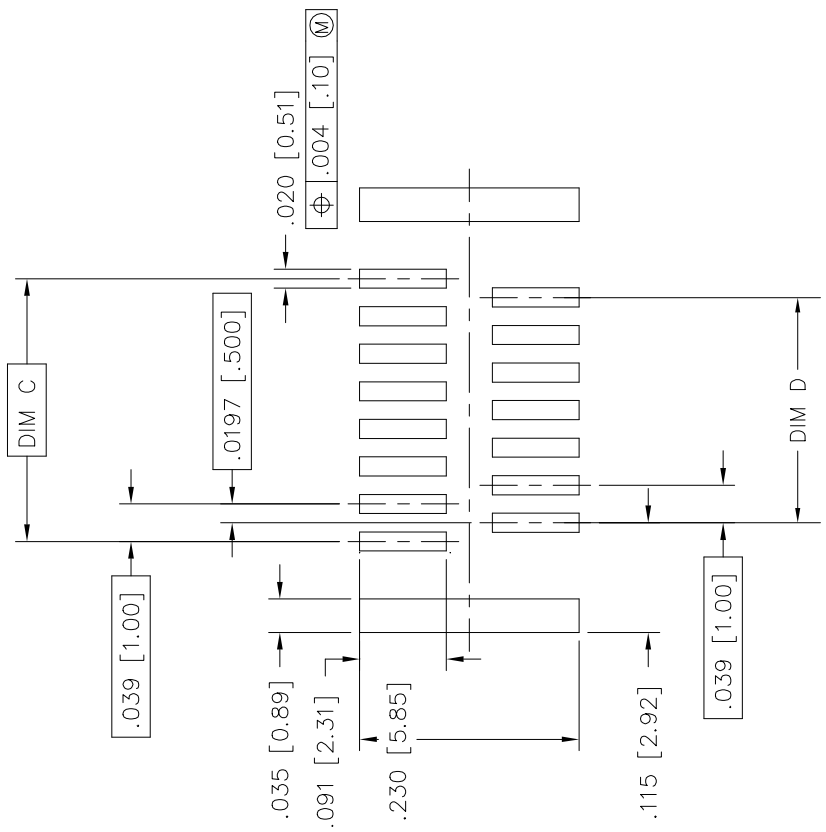
mat'l. code		surface	tolerance	projection	product family
ISO 1302		ISO 406	ISO 1101	CONAN®	
tolerances unless otherwise specified		angles	linear	INCH/MM	title
0°±x°		.00±.20	.000±.10	scale 1:1	CONAN® CONNECTOR ASSEMBLY
dr	Eric Huang	2019-12-17	engr	Bob Gu	2020-06-04
chr	LQ Lei	2020-06-04	chr	LQ Lei	2020-06-04
appd	Tim Yao	2020-06-04	appd	Tim Yao	2020-06-04
sheet index	revision sheet	dwg no 91900 sheet 4 of 7 size A3			
		type Product Customer Drawing			

PRODUCT NUMBER  
SEE TABLE

1 | 2 | 3 | 4 | 5 | 6



RECOMMENDED  
PAD LAYOUT



RECOMMENDED  
STENCIL LAYOUT  
FOR HEADER

mat'l. code		surface	tolerance	projection	product family
itr	ecn	ISO 1302	ISO 406	ISO 1101	CONAN®
AN		tolerances unless otherwise specified		INCH/MM	title
	no.dr	angles	.0±.30	linear	CONAN® CONNECTOR ASSEMBLY
	date	0°±x°	.00±.20	scale 1:1	dwg no
		dr	Eric Huang	2019-12-17	sheet 5 of 7
		enfr	Bob Gu	2020-06-04	91900
		chr	LQ Lei	2020-06-04	A3
		apppd	Tim Yao	2020-06-04	type
sheet index	revision	Product Customer Drawing			
	sheet				

PRODUCT NUMBER	POS	DIM "A"	DIM "C"	DIM "D"	DIM "E"
919TC-WXY09	9	.366 [9.30]	.157 [4.00]	.118 [3.00]	.1990 [5.055]
↑ -WXY09LF					
-WXY11	11	.406 [10.30]	.197 [5.00]	.157 [4.00]	.2380 [6.045]
-WXY11LF					
-WXY15	15	.484 [12.30]	.276 [7.00]	.236 [6.00]	.3170 [8.052]
-WXY15LF					
-WXY21	21	.602 [15.30]	.394 [10.00]	.354 [9.00]	.4350 [11.049]
-WXY21LF					
-WXY25	25	.681 [17.30]	.472 [12.00]	.433 [11.00]	.5140 [13.056]
-WXY25LF					
-WXY31	31	.800 [20.30]	.591 [15.00]	.551 [14.00]	.6320 [16.053]
-WXY31LF					
-WXY41	41	.996 [25.30]	.787 [20.00]	.748 [19.00]	.8290 [21.057]
-WXY41LF					
-WXY51	51	1.193 [30.30]	.984 [25.00]	.945 [24.00]	1.0260 [26.060]
-WXY51LF					
-WXY69	69	1.547 [39.30]	1.339 [34.00]	1.299 [33.00]	1.3800 [35.052]
↓ -WXY69LF					

NOTES:

- MATERIALS:  
RECEPTACLE HOUSING - LCP, UL-94V-0. COLOR: NATURAL.  
RECEPTACLE TERMINALS - COPPER ALLOY  
PLATED WITH 15u"/.38u GXT™ IN CONTACT AREA  
AND 100u"/2.54u Sn ON SOLDER LEGS WITH AN OVERALL 50u"/1.27u Ni UNDERPLATE.  
HEADER HOUSING - LCP, UL-94V-0. COLOR: NATURAL.  
HEADER TERMINALS - COPPER ALLOY.  
PLATED WITH 15u"/.38u GXT™ IN CONTACT AREA AND 100u"/2.54u Sn ON SOLDER LEGS WITH AN OVERALL 50u"/1.27u Ni UNDERPLATE.  
RETENTION DEVICE - BRASS.  
PLATED WITH 100u"/2.54u Sn OVER NICKEL.
- REFERENCE GS-12-006 FOR PRODUCT PERFORMANCE DATA.
- SEE TA-774 FOR FURTHER DESCRIPTION OF HOW THIS DIMENSION IS APPLIED.
- PICK AND PLACE CAP OR TAPE IS ONLY AVAILABLE WITH OPTION 3 PACKAGING. (PSA ADHESIVE SEALED). ALSO, PSA PACKAGING REQUIRES A PICK AND PLACE CAP.
- RECOMMENDED SOLDER PASTE THICKNESS IS .006 TO .008 INCHES THICK.
- THE TOE HEIGHT OF THE SOLDER TAIL SHALL BE MEASURED FROM THE LOWEST POINT OF THE .004 CO-PLANARITY GRAVITY PLANE. THIS MEASUREMENT IS NOT TO EXCEED A WINDOW OF .000 TO .007 INCHES.
- THREE SLOTS MAY BE LOCATED AT EITHER END OF HOUSING.
- 5.50mm MATED HEIGHT IS ONLY AVAILABLE IN 9, 15 AND 31 POS.
- 7.50mm MATED HEIGHT IS ONLY AVAILABLE IN 9 POS.
- APPLIES TO 91921-3XYZZ AND 91931-3XYZZ OPTIONS ONLY.
- THE HOUSING WILL WITHSTAND EXPOSURE TO 260°C PEAK TEMPERATURE FOR 30 SECONDS IN A CONVECTION INFRA RED OR VAPOR PHASE REFLOW OVEN. SEE APPLICATION/PROCEDURES IF THEY ARE AVAILABLE
- PRODUCT WITH "LF" AT THE END MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS-22-008.

mat'l. code		surface	tolerance	projection	product family
ISO 1302		ISO 406	ISO 1101	CONAN®	
tolerances unless otherwise specified		angles		linear	title
0±x°		.00±.30		INCH/MM	CONAN® CONNECTOR ASSEMBLY
dr		.000±.10		scale	1:1
engr		2015-10-11		dwg no	sheet6 of 7
chr		2020-06-04			91900
appd		2020-06-04		type	Product Customer Drawing
sheet index	revision				
	sheet				

# CONAN® ASSEMBLY PART NUMBER

919 T C - W X Y ZZ LF

LEAD FREE OPTION  
SEE NOTE 12

TYPE	T
HEADER WITH NO PEGS	0
HEADER WITH PEGS	1
RECEPTACLE WITH NO PEGS	2
RECEPTACLE WITH PEGS	3

PICK AND PLACE CAP OR TAPE (NOTE 4)	C
WITHOUT CAP OR TAPE	0
WITH CAP	1
WITH TAPE (RECEPTACLE ONLY)	2

PACKAGING	W
TUBE	2
PRESSURE SEALED TAPE & REEL	3

NOTE 4

Y	HEADER HEIGHT	RECEPTACLE HEIGHT	MATED HEIGHT	NUMBER OF POSITIONS	ZZ
1	.034 [.86]	.129 [3.28]	.163 [4.15]	9	09
2	.048 [1.23]	SEE Y=1 FOR ALL RECEPTACLES	.177 [4.50]	11	11
3	.068 [1.73]		.197 [5.00]	15	15
4	.107 [2.72]		.236 [6.00]	21	21
5	.1465 [3.721]		.276 [7.00]	25	25
6	.088 [2.23]		.216 [5.50]	31	31
7	.1665 [4.229]		.296 [7.52]	41	41
				51	51
			69	69	

\* NOTE 8  
\* \* NOTE 9

X	PLATING
1	15u" / .38u GXT™
2	30u" / .76u GXT™
3	Au 30u" / .76u

EXAMPLE: 91921-31125LF  
IS A CONAN® RECEPTACLE ASSEMBLY,  
HAVING NO PEGS AND WITH A PICK AND PLACE CAP.  
IT ALSO HAS GXT™ PLATING, IS .13 [3.2] HIGH AND 25  
POSITIONS AND IS PACKAGED IN PRESSURE SEALED TAPE,  
REEL AND LEAD FREE.

mat'l. code		surface	tolerance	projection	product family
ISO 1302	ISO 406	ISO 1101	ISO 1101	CONAN®	
tolerances unless otherwise specified		tolerances unless otherwise specified		title	
angles	.0±.30	INCH/MM		CONAN® CONNECTOR ASSEMBLY	
linear	.00±.20	scale 1:1		dwg no sheet 7 of 7 size	
0°±x°	.000±.10			91900 A3	
dr	Eric Huang	2015-10-11		type Product Customer Drawing	
engr	Bob Gu	2020-06-04			
chr	LQ Lei	2020-06-04			
appd	Tim Yao	2020-06-04			
sheet index	revision sheet				