



REV.	ZONE	LTR	DESCRIPTION	DATE	REVISER	APPD
1.0			NEW DESIGN	10/13.12	tiger_yang	
2.0			MODIFY SURFACE LINE	12/21.13	tiger_yang	

ORDERING INFORMATION
 US3 AL 09 S - * * 5 -B-R2-S
 (1) (2) (3) (4) (5) (6) (7) (8) (9) (10)

- SERIES: USB3.0 CONNECTOR
- PRODUCT CONSTRUCTION TYPE: AL: DIP TYPE(A TYPE)
- NO. OF POSITIONS: 09: 09 POSITIONS.
- CONTACT&CONNECTIONG TYPES: S: FEMALE
- COLOR CODES 1: BLUE(300C);3:BLACK
- CONTACT PLATING:
 0: GOLD FLASH PLATED ON MATING AREA,
 Matte Sn 100u" MIN ON SOLDER AREA, Ni 50u" MIN UNDER PLATING OVERALL
 R3: Au 2u" MIN AND Pd 30u" MIN PLATED ON MATING AREA,
 Matte Sn 100u" MIN ON SOLDER AREA, Ni 50u" MIN UNDER PLATING OVERALL
- SHELL PLATING
 5: Ni 50u" MIN PLATING ALLOVER
- SUFFIX NO.
 B : WITHOUT LOGO
- SUFFIX NO.
 R2: TAPE REEL PACKAGE, PITCH=24.00mm
- SHELL MATERIAL
 S: STAINLESS STEEL;

SPECIFICATIONS :

- MECHANICAL :
 - 1.1 INSERTION FORCE : 35N MAXIMUM.
 - 1.2 WITHDRAWAL FORCE : 10N MIN. FOR INITIAL, AND 8N MIN. AFTER TEST
- ELECTRICAL :
 - 2.1 CONTACT RESISTANCE : 30 mΩ(MAX) INITIAL FOR PIN1~4
 50 mΩ(MAX) INITIAL FOR OTHER PIN
 - 2.2 CURRENT RATING: 1.8A(PIN1~4); OTHER CONTACTS 0.25A
 - 2.3 DIELECTRIC WITHSTANDING VOLTAGE : 100V AC FOR 1 MINUTE.
 - 2.4 INSULATION RESISTANCE : 100 MΩ MIN
- ENVIRONMENTAL :
 - 3.1 OPERATION TEMPERATURE : -25°C ~ +85°C .

BOM OF 3SAL09S-**5-B-R2-S			
QTY'S	SPECIFICATION	PART	ITEM
5	COPPER ALLOY	3.0 TERMINAL	④
4	COPPER ALLOY	2.0 TERMINAL	③
1	SUS201	SHELL	②
1	THERMOPLASTIC UL94V-0	HOUSING	①

MATERIAL	TOLERANCE UNSPECIFIED .000 ± 0.15 .00 ± 0.20 .0 ± 0.30 ± 0.50 ANGLE ± 2°	Contitec Electronics Ltd.	
		SCALE NO	UNIT mm
FINISH	DRAWN	NAME	
	tiger_yang 12/21.13	USB3.0 DIP TYPE A R/A, SINGLE	
	DESIGNER	DRAWING NO.	
	tiger_yang 12/21.13	R-S13SAL-10	
CHECKED	tiger_tao 12/21.13	REV.	2.0
APPROVED	Bill_WY 12/21.13	A3 RS13SAL10	

RoHS compliant