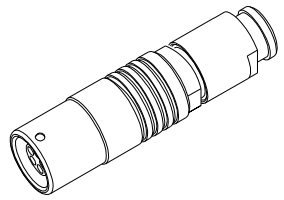
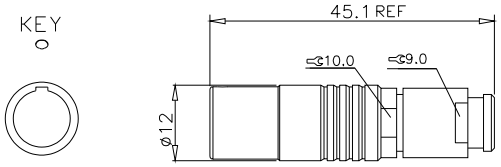
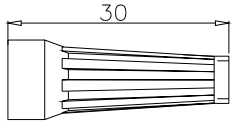
DESCRIPTION: 1B // QUIK-LOQ // F // CABLE MOUNT // SOLDER CUP







COLLET SIZE CHART	
COLLET SIZE:	CABLE DIAMETER:
40	3.30 ~ 4.20
50	4.30 ~ 5.20
60	5.30 ~ 6.20
70	6.30 ~ 7.20

821BYYY-273LYY1

SERIES

POSITIONS
- YYY = SEE POSITION CHART

GENDER
- 2 = FEMALE

TYPE
- 7 = CABLE MOUNT

SHELL PLATING
- 3 = NICKEL/CHROME

COLLET SIZE*
- 40
- 50
- 60
- 70
- *SEE "COLLET SIZE CHART"

CONTACT PLATING
- 1 = GOLD PLATED

SPECIFICATIONS:

MATERIALS:

HOUSING:	BRASS, NICKEL PLATED
SHELL & COLLET NUT:	BRASS, CHROME PLATED
CONTACTS:	GOLD PLATED BRASS NICKEL
INSULATOR:	PPS (HIGH TEMPERATURE)
STRAIN RELIEF (BOOT):	THERMOPLASTIC POLYURETHANE

MECHANICAL:

MATING CYCLES:	5000 CYCLES
OPERATING TEMPERATURE:	-40°C TO +200°C
PROCESS TEMPERATURE:	260°C FOR 5 SECONDS
SHIELDING:	75dB @ 10MHz // 40dB @ 1GHz
IP RATING:	50
MAX TORQUE VALUE:	1.5 Nm

POSITION CHART // ELECTRICAL/WIRE SPECIFICATIONS

*solder side view of insulator

POSITIONS	CONTACTS*	CONTACT Ø	MAX CONTACT mΩ	WORKING VOLTAGE	MAX AMPERAGE	MAX WIRE AWG
002		1.30mm	5.0 mΩ	500 V	15.0 A	20
003		1.30mm	5.0 mΩ	430 V	12.0 A	20
004		0.90mm	6.0 mΩ	430 V	10.0 A	22
005		0.90mm	6.0 mΩ	415 V	9.0 A	22
006		0.70mm	7.5 mΩ	350 V	7.0 A	24
007		0.70mm	7.5 mΩ	315 V	7.0 A	24
008		0.70mm	7.5 mΩ	315 V	5.0 A	28
010		0.50mm	10.0 mΩ	300 V	2.5 A	28
014		0.50mm	10.0 mΩ	260 V	2.0 A	28

RoHS COMPLIANT

UNITS = mm

DO NOT SCALE FROM DRAWING

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DRAWN: M. SIGMON

DATE: 02/03/2016

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SCALE: NTS

SHEET 1 OF 1

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