CABLINE®-UM

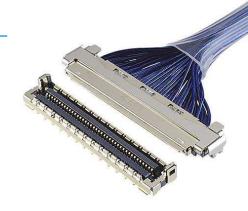
Fully-shielded and multi-point ground, Mechanical lock, High-data-rate transfer (20 Gbps/lane), 0.4 mm pitch, Right angle vertical mating type micro-coaxial connector

Product Specif	ications:						
Mating	type	Right Angle Vertical					
Board Pitch	n (mm)	0.4					
Wiping Leng	th (mm)	0.65					
		With Lock Cover : 2.2 +/- 0.15					
Adama daina	Height	Without Lock Cover : 2.0 +/- 0.15					
Mated size (mm)		With Pull Tape Holder: 2.2 +/- 0.15					
(111111)	Width	Formula: 5.0 + (0.4 * ? p)					
	Depth	5.0 with lock cover					
Pin Counts	Range	Up to 60					
Fill Coulits	Available	30, 40, 60					

Maximum O.D. (mm)	0.4
Micro-Coaxial	45 ohm: #38 or smaller
for Signal (AWG)	50 ohm: #40 or smaller
Twin Coaxial (AWG)	#40, #42
Discrete (AWG)	#34 or smaller

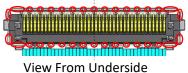
Applicable Cable Size:



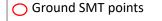


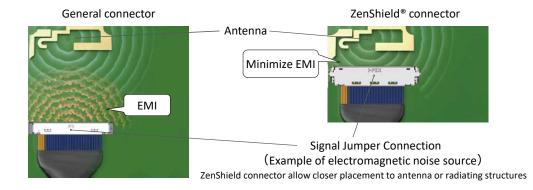
* Please inquire for pin counts not listed or outside of the pin count range.

ZenShield® fully-shielded with multi-point grounds to prevent EMI leakage



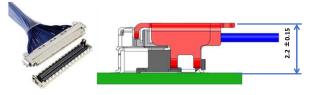
view From Onderside



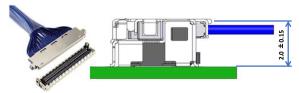


Wide range of variations

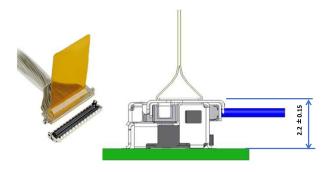
With Lock Cover---Enhanced mating retention force



Without Lock Cover---Low profile

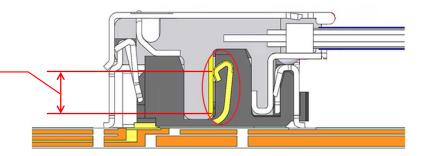


With Pull tape holder---Improve unplug efficiency



► High contact reliability

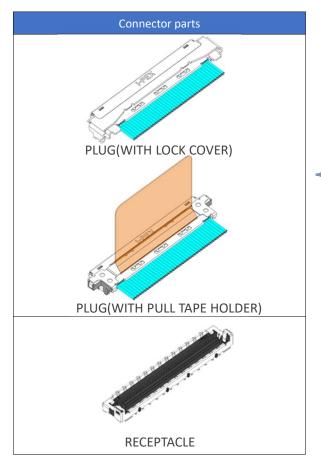
Wiping length: 0.65 mm min.

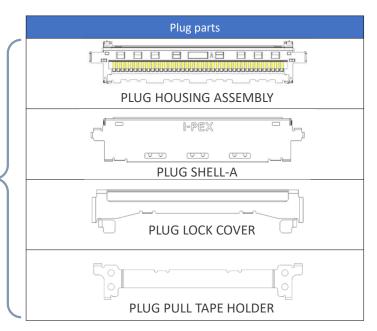




Component Parts Details

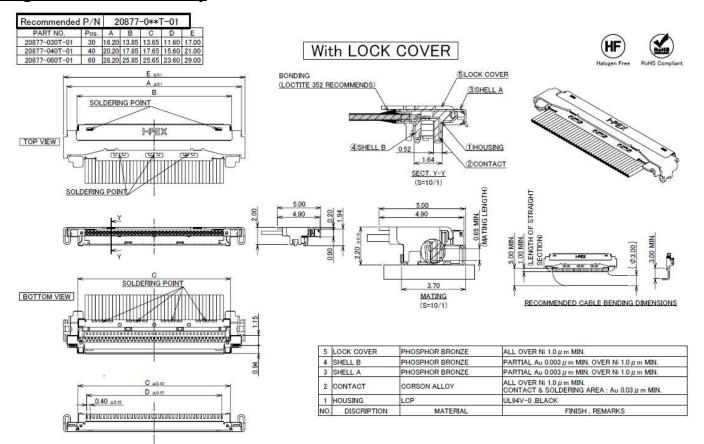
Component Parts



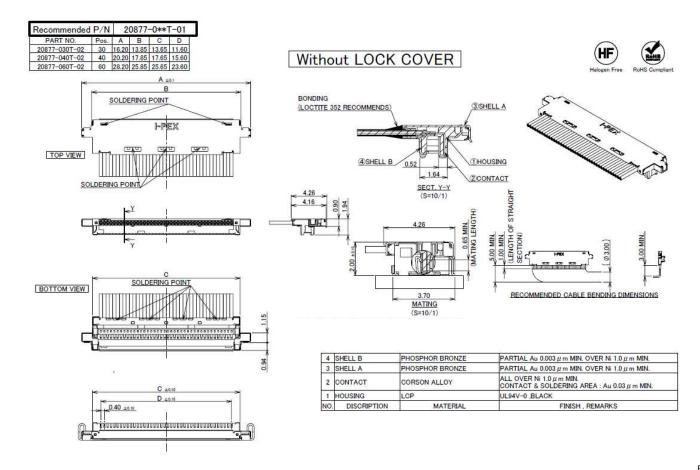




Plug for Cable Assembly



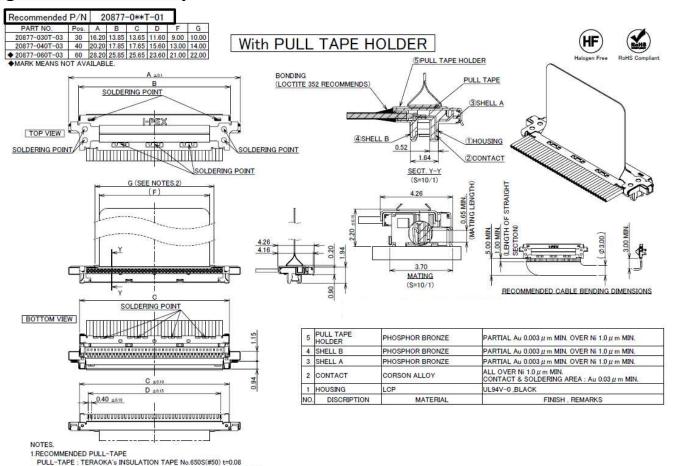
Rev.9

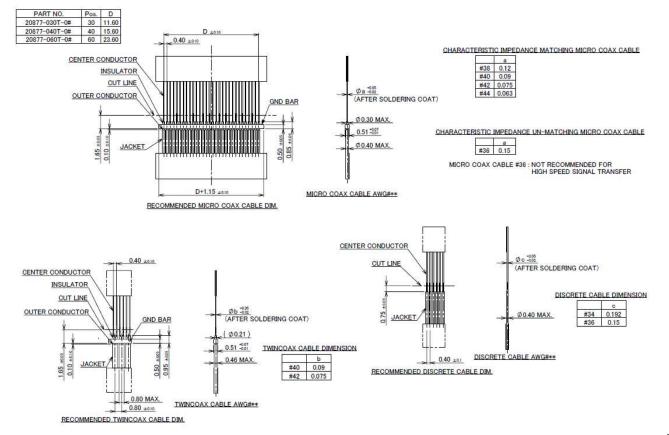




Plug for Cable Assembly

2.PULL-TAPE CAN BE PUT WITHIN THE RANGE OF "G" STRIAGHT AREA.

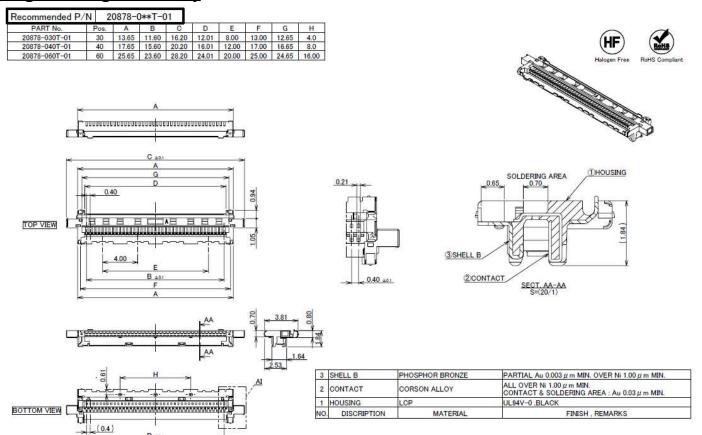






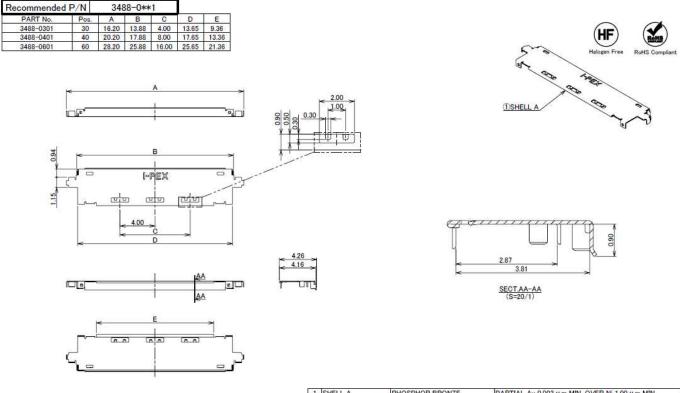
Rev 9

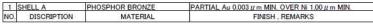
Plug Housing Assembly



Rev.4

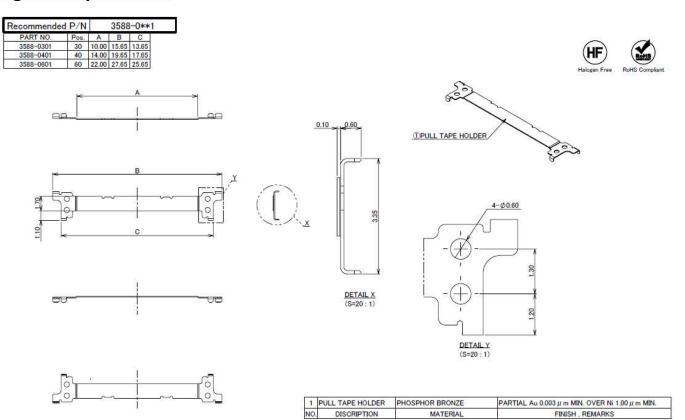
Plug Shell-A





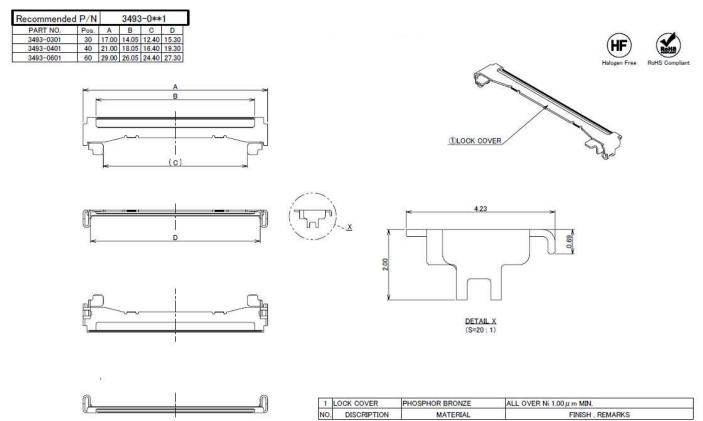


Plug Pull Tape Holder

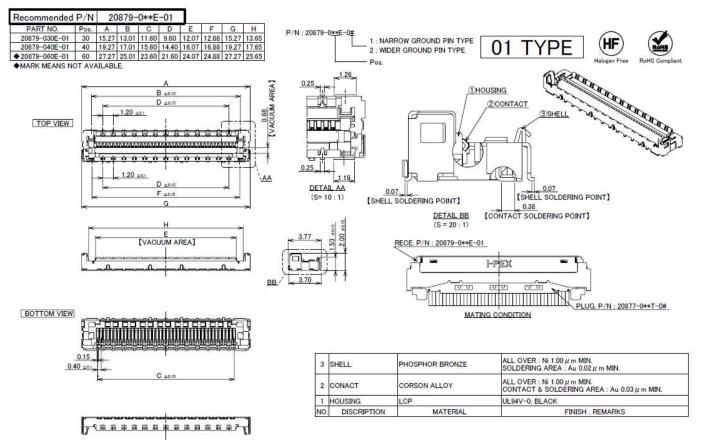


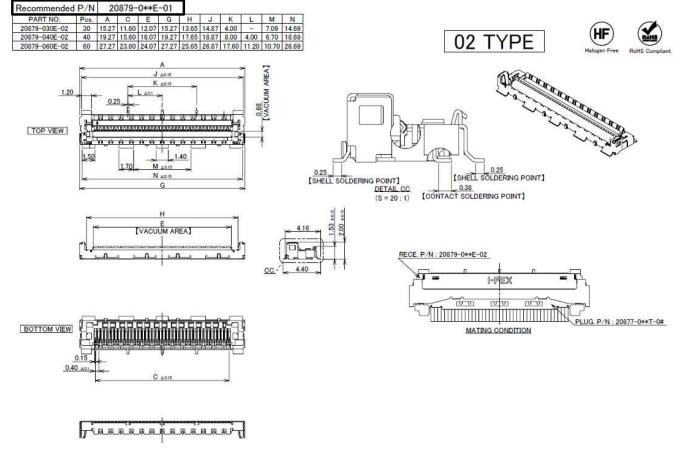
Rev.3

Lock Cover











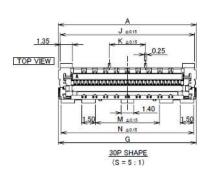


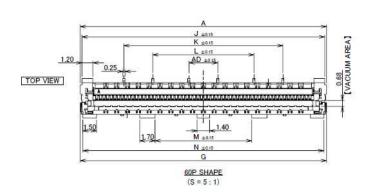
Recommended	P/N	20	20879-0**E-01									
PART NO.	Pos.	Α	С	E	G	Н	J	K	L	M	N	AD
20879-030E-02	30	15.27	11.60	12.07	15.27	13.65	14.87	4.00	-	7.09	14.69	100
20879-040E-02	40	19.27	15.60	16.07	19.27	17.65	18.87	8.00	4.00	6.70	18.69	-
20879-060E-02	60	27.27	23.60	24 07	27.27	25.65	26.87	17.60	11 20	10.70	26.69	3.20

02 TYPE









PART No.	Pos.	B C	D F	P Q	R		Γ								7	
20879-030E-01		3.01 11.60				19.00 12									01 T	VDI
20879-040E-01		7.01 15.60													UII	THE
20879-060E-01	60 2	25.01 23.60	21.60 24.88	27.17 24.0	0 27.07	31.00 24	.50									
MARK MEANS NO	T AVAIL	ABLE.					50.0									
			-						S						2	
			164	1-				P	±0.03						1	
				-					±0.03				- 0200	1		
				-				C	±0.03							
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				->		±0.03							7	-		
		0.30 ±	0.05	-				Г	±0.03							
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		l.		1/XI-3		_ 1.20 ±0			10				1/		1	
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	(8)						01 TYP	E RECOMM	ENDED PC 10:1)	LAYOUT		NOTES			BE APPLIED TO TH	



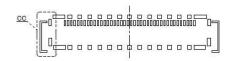


PART No.	Pos
20879-030E-01	30
20879-040E-01	40
◆ 20879-060E-01	60

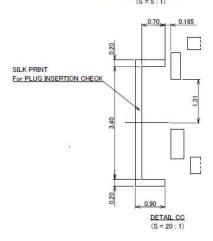
PATENT PENDING

01 TYPE

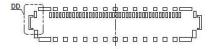
With LOCK COVER



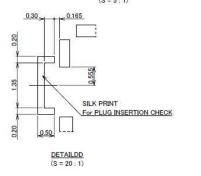
RECOMMENDED SILK PRINT For With LOCK COVER
(S = 5 : 1)



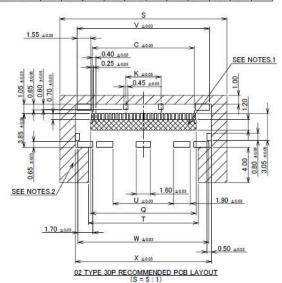
Without LOCK COVER & With PULL TAPE HOLDER



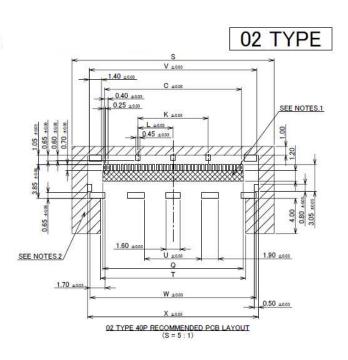
RECOMMENDED SILK PRINT For Without LOCK COVER (S = 5 : 1)



PART No.	Pos.	С	K	L	Q	S	T	U	V	W	X
20879-030E-02	30	11.60	4.00	-	12.00	19.00	12.50	6.89	15.07	14.89	15.47
20879-040E-02	40	15.60	8.00	4.00	16.00	23.00	16.50	6.50	19.07	18.89	19.47
20879-060E-02	60	23.60	17.60	11.20	24.00	31.00	24.50	10.50	27.07	26.89	27.47





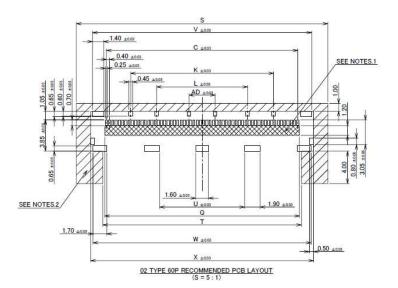






PART No.	Pos.	C	K	L	Q	S	T	U	V	W	X	AD
20879-030E-02	30	11.60	4.00	-	12.00	19.00	12.50	6.89	15.07	14.89	15.47	-
20879-040E-02	40	15.60	8.00	4.00	16.00	23.00	16.50	6.50	19.07	18.89	19.47	-
20879-060E-02	60	23.60	17.60	11.20	24.00	31.00	24.50	10.50	27.07	26.89	27.47	3.20

02 TYPE



NOTES.

1. SOLDER RESIST MUST BE APPLIED TO THIS AREA.

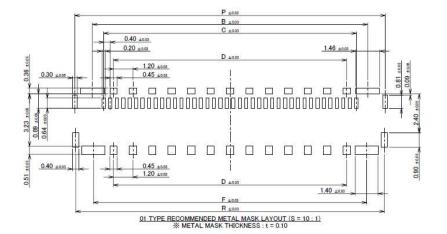
2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.

Rev.9

PART No.	Pos.	В	C	D	F	P	R
20879-030E-01	30	13.01	11.60	9.60	12.88	15.17	15.07
20879-040E-01	40	17.01	15.60	14.40	16.88	19.17	19.07
◆20879-060E-01	60	25.01	23.60	21.60	24.88	27.17	27.07

[♦]MARK MEANS NOT AVAILABLE.

01 TYPE

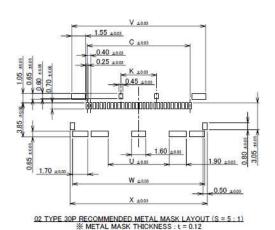


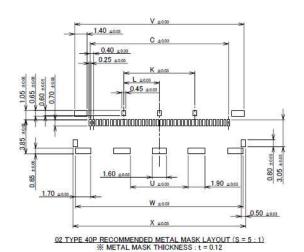


PART No.	Pos.	C	K	L	U	V	W	X
20879-030E-02	30	11.60	4.00	_ =	6.89	15.07	14.89	15.47
20879-040E-02	40	15.60	8.00	4.00	6.50	19.07	18.89	19.47
20879-060E-02	60	23.60	17.60	11.20	10.50	27.07	26.89	27.47



02 TYPE

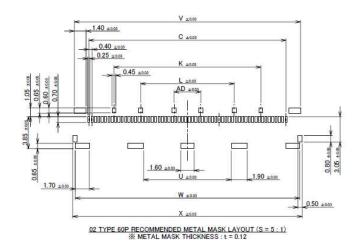




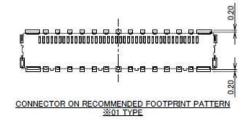
Rev.9

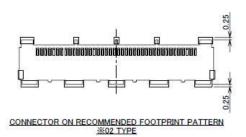
Γ	PART No.	Pos.	C	K	L	U	٧	W	X	AD
Γ	20879-030E-02	30	11.60	4.00	-	6.89	15.07	14.89	15.47	-
	20879-040E-02	40	15.60	8.00	4.00	6.50	19.07	18.89	19.47	-
Γ	20879-060E-02	60	23.60	17.60	11.20	10.50	27.07	26.89	27.47	3.20

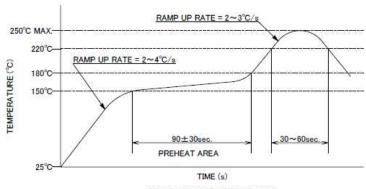
02 TYPE











REFLOW TEMPERATURE PROFILE SENJU METAL INDUSTRY CO., LTD. ; M705-SHF(Sn96.5 Ag3.0 Cu0.5)

ITEMS	SPECIFICATION								
APPLICABLE CABLE	MICRO COAX: AWG# 44, 42, 40, 38, 36 DISCRETE: AWG# 36, 34 TWINCOAX: AWG# 40, 42								
RATING VOLTAGE	100V AC (PER CONTACT PIN)								
RATING AMPERAGE (FOR CONTACT)	0.15A AC/DC [AWG#44] PER CONTACT PIN/UP TO 60 CONTACTS 0.24A AC/DC [AWG#42] PER CONTACT PIN/UP TO 49 CONTACTS 0.3A AC/DC [AWG#42] PER CONTACT PIN/UP TO 38 CONTACTS 0.5A AC/DC [AWG#38] PER CONTACT PIN/UP TO 19 CONTACTS 0.8A AC/DC [AWG#38] PER CONTACT PIN/UP TO 19 CONTACTS 1.0A AC/DC [AWG#34] PER CONTACT PIN/UP TO 19 CONTACTS 1.0A AC/DC [AWG#34] PER CONTACT PIN/UP TO 19 CONTACTS 3/*TESTING BY A REAL MACHINE IS RECOMMENDED BECAUSE TEMPERATURE RISE MAY AFFECTED BY ACTUAL SITUATION.								
OPERATING TEMPERATURE	233~378K(-40°C~+105°C)								
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)								
CONTACT RESISTANCE	INITIAL: 180mohm MAX.(AWG#34) / AFTER TEST: △40mohm MAX. 275mohm MAX.(AWG#38) 360mohm MAX.(AWG#48) 600mohm MAX.(AWG#40) 700mohm MAX.(AWG#42) 1080mohm MAX.(AWG#44)								
GROUND SHELL RESISTANCE	INITIAL : 50mohm MAX. / AFTER TEST : △40mohm MAX.								
INSULATION RESISTANCE	INITIAL: 1000Mohm MIN. / AFTER TEST: 500Mohm MIN.								
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min								
DURABILITY	30 CYCLES								
MATING FORCE (INITIAL / AFTER TEST)	30P : 34.00N MAX. 60P : 52.00N MAX. 40P : 40.00N MAX.								
UNMATING FORCE (INITIAL / AFTER TEST)	30P: 3.0N MIN. 60P: 6.0N MAX. 40P: 4.0N MIN.								
CABLE RETENTION FORCE	30P : 14.70N MIN. 60P : 29.40N MAX. 40P : 19.60N MIN.								
COPLANARITY	0.10 MAX.								
PRODUCT SPECIFICATION	PRS-2514								
TEST REPORT	TR-18067 (RECEPTACLE:20879-0**E-01) TR-18088 (RECEPTACLE:20879-0**E-02)								
PACKING STANDARD	PST-18043								
INSTRUCTION MANUAL	HIM-18033								
ASSEMBLY MANUAL	ASM-18003								
APPEARANCE CRITERIA No.	QLS-A***								





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> Contact your sales representative or more detailed information. www.i-pex.com

