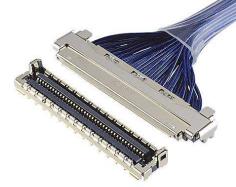
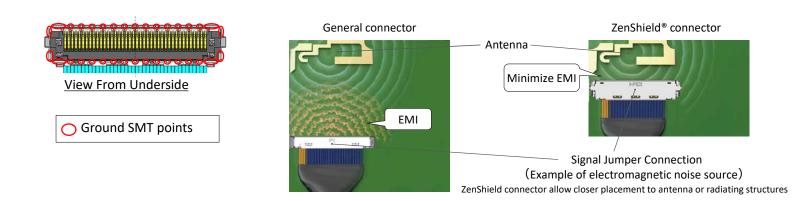
CABLINE®-UM

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:		4	Applicable Cable Size:		
Mating	type	Right Angle Vertical		Maximum O.D. (mm)	0.4	
Board Pitch	n (mm)	0.4		Micro-Coaxial	45 ohm: #38 or smaller	
Wiping Leng	th (mm)	0.65		for Signal (AWG)	50 ohm: #40 or smaller	
		With Lock Cover : 2.2 +/- 0.15		Twinax (AWG)	#40, #42	
	Height	Without Lock Cover : 2.0 +/- 0.15		Discrete (AWG)	#34 or smaller	
Mated size (mm)		With Pull Tape Holder: 2.2 +/- 0.15				
((((()))))	Width	Formula: 5.0 + (0.4 * ? p)				
	Depth 5.0 with lock cover			Applicable Standards (Re	eference Only):	
Pin Counts	Range	Up to 60		USB4/Thunderbolt 4 (20 Gbps/lane), PCIe Gen 4		
Fill Coulits	Available 30, 40, 60			(16GT/s), eDP HBR 3 (8.1	Gbps)	
* Please inquire for	r pin counts n	ot listed or outside of the pin count range.				

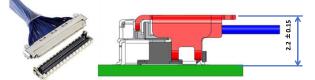


ZenShield[®] fully-shielded with multi-point grounds to prevent EMI leakage

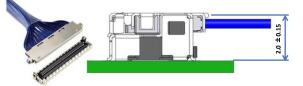


Wide range of variations

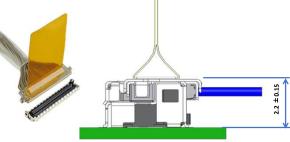
With Lock Cover---Enhanced mating retention force



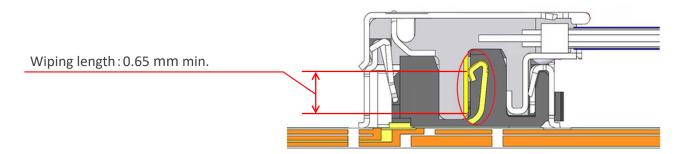
Without Lock Cover---Low profile



With Pull tape holder---Improve unplug efficiency



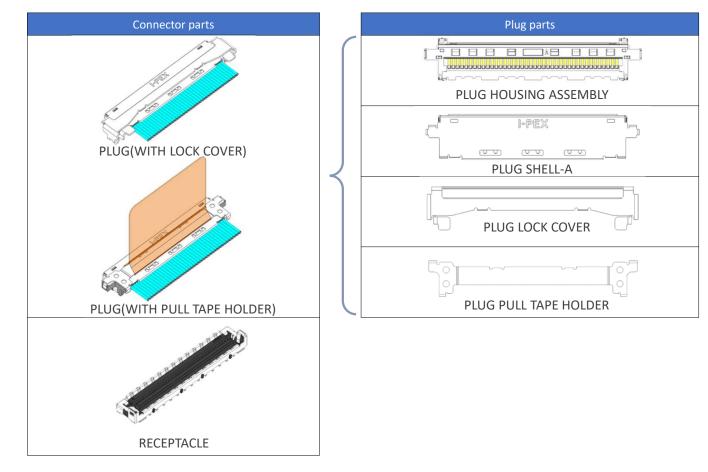
High contact reliability





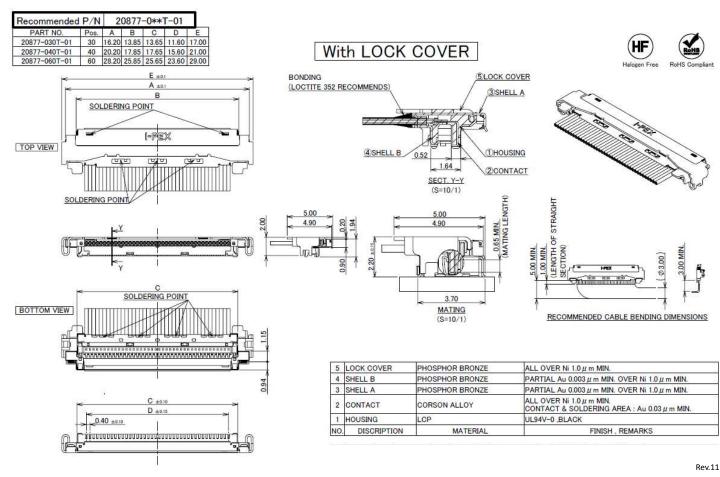
Component Parts Details

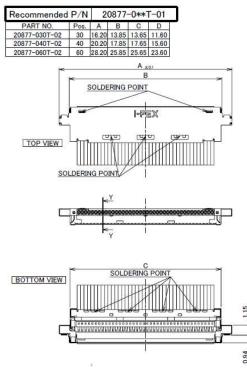
Component Parts

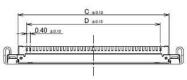


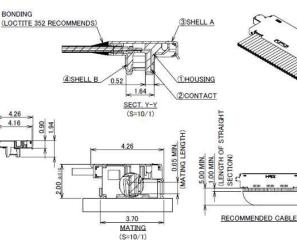
I-PEX

Plug for Cable Assembly

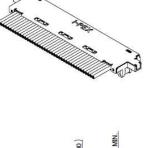








Without LOCK COVER

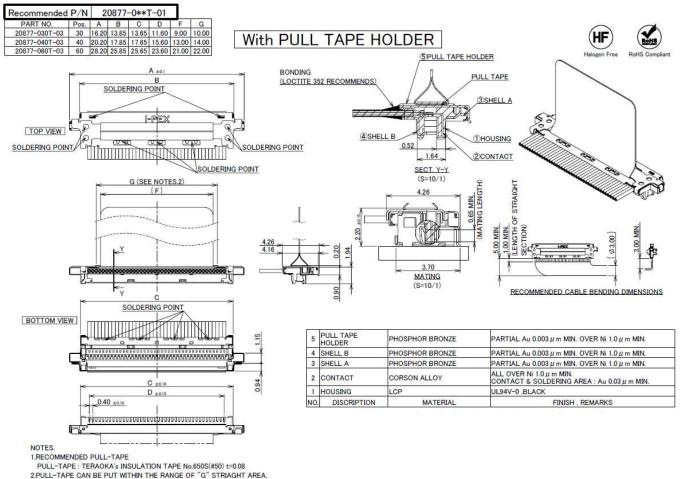


HF

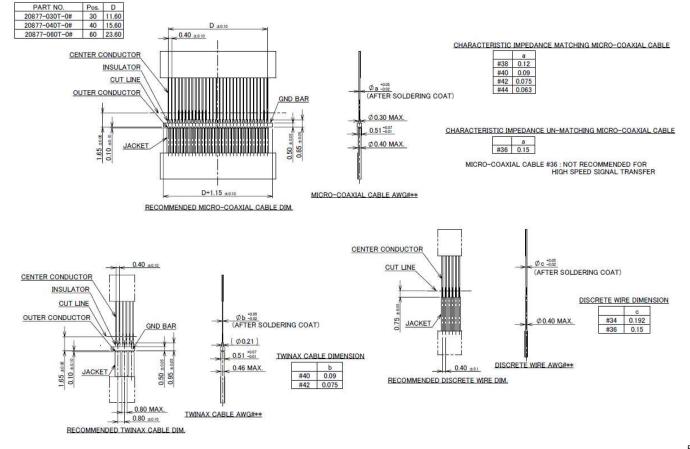
RECOMMENDED CABLE BENDING DIMENSIONS

4	SHELL B	PHOSPHOR BRONZE	PARTIAL Au 0.003 µ m MIN. OVER Ni 1.0 µ m MIN.
3	SHELL A	PHOSPHOR BRONZE	PARTIAL Au 0.003 µ m MIN. OVER Ni 1.0 µ m MIN.
2	CONTACT	CORSON ALLOY	ALL OVER Ni 1.0 μ m MIN. CONTACT & SOLDERING AREA : Au 0.03 μ m MIN.
1	HOUSING	LCP	UL94V-0 ,BLACK
NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS

Plug for Cable Assembly



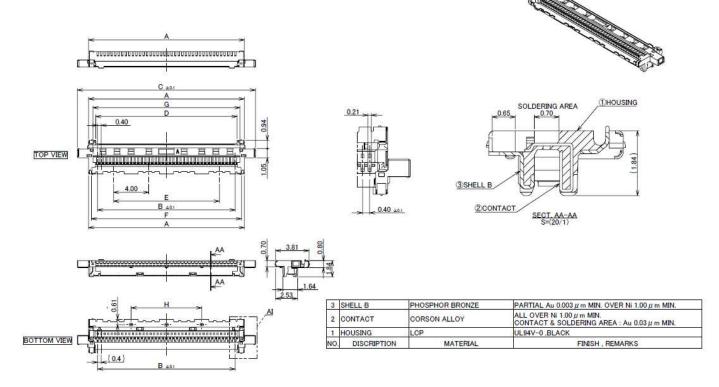
Rev.11



I-PEX

Plug Housing Assembly

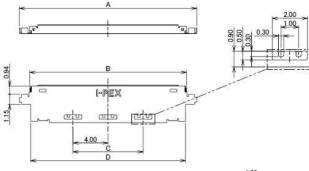
Recommended P	/N	20878-0)**T-(01					
PART No.	Pos	s. A	В	C	D	E	F	G	н
20878-030T-01	30	13.65	11.60	16.20	12.01	8.00	13.00	12.65	4.0
20878-040T-01	40	17.65	15.60	20.20	16.01	12.00	17.00	16.65	8.0
20878-060T-01	60	25.65	23.60	28.20	24.01	20.00	25.00	24.65	16.00



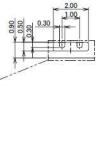
Plug Shell-A

I-PEX

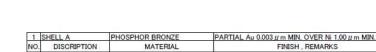
Recommended	P/N	348	38-0**	1		
PART No.	Pos.	A	В	C	D	E
3488-0301	30	16.20	13.88	4.00	13.65	9.36
3488-0401	40	20.20	17.88	8.00	17.65	13.36
3488-0601	60	28.20	25.88	16.00	25.65	21.36





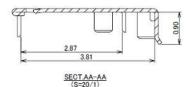






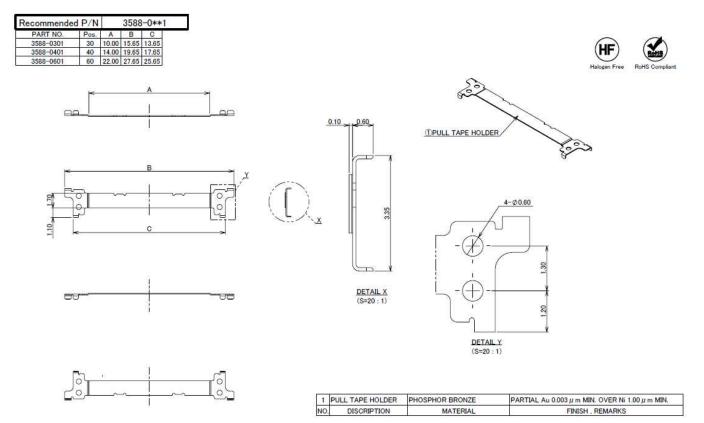
DSHELL A

HF

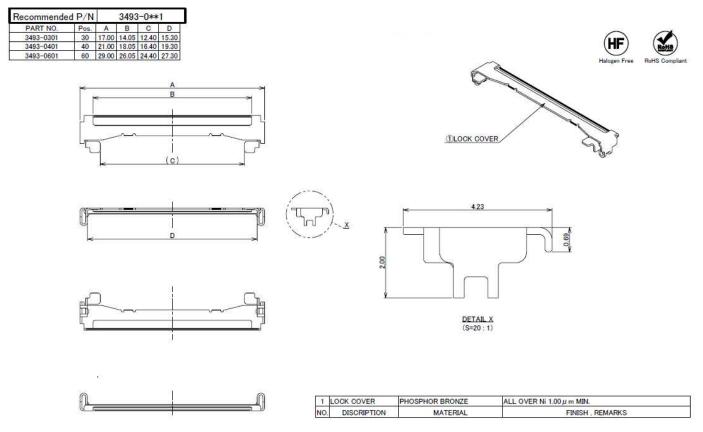


Contact your sales representative for more detailed information. www.i-pex.com

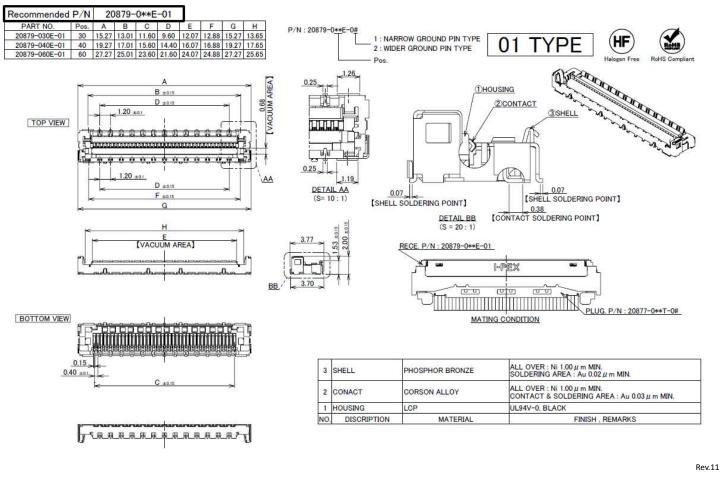
Plug Pull Tape Holder

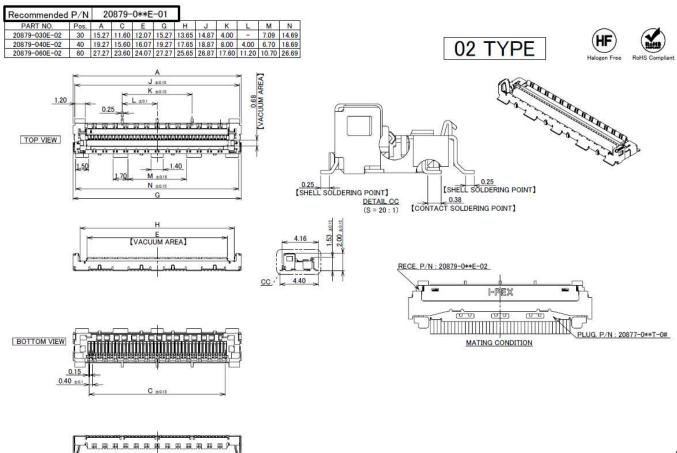


Lock Cover



I-PEX





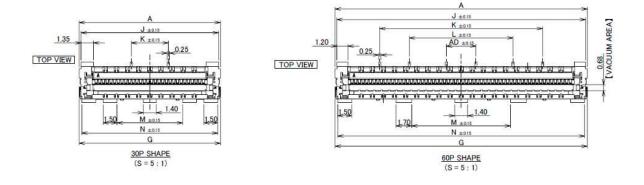
I-PEX

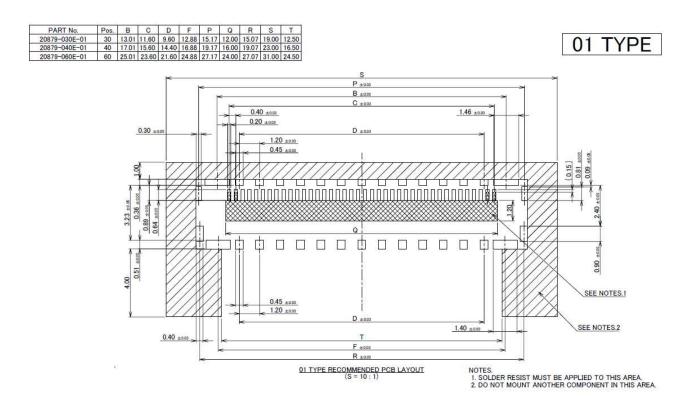
Rev.11

Recommended	P/N	20	879-	0**E	-01							
PART NO.	Pos.	A	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	1.5	7.09	14.69	
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



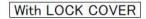


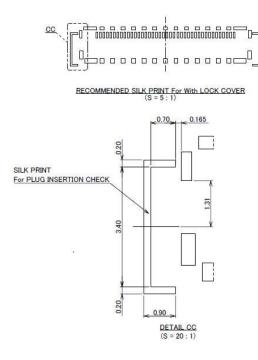


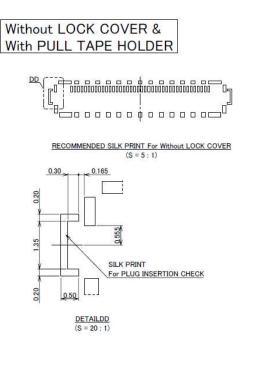


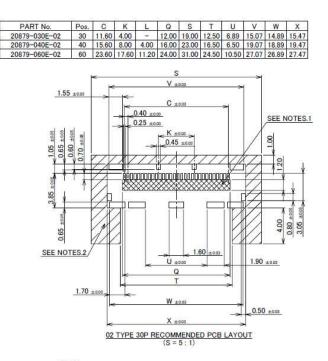
PART No.	Pos
20879-030E-01	30
20879-040E-01	40
20879-060E-01	60

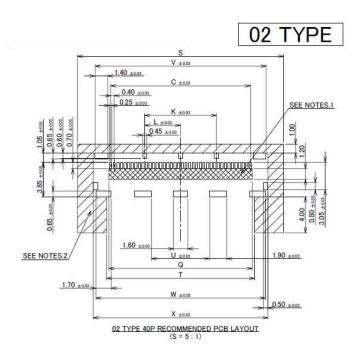
01 TYPE



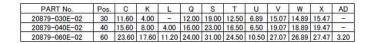




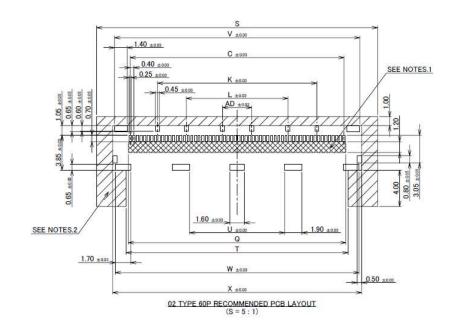




NOTES. 1. SOLDER RESIST MUST BE APPLIED TO THIS AREA. 2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.





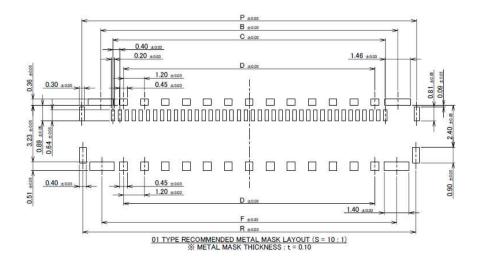


NOTES. 1. SOLDER RESIST MUST BE APPLIED TO THIS AREA. 2. DO NOT MOUNT ANOTHER COMPONENT IN THIS AREA.

Rev.11

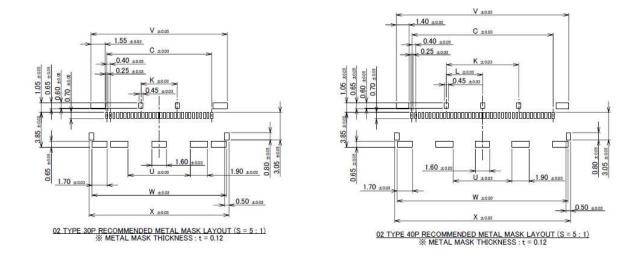
01 TYPE

PART No.	Pos.	B	С	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



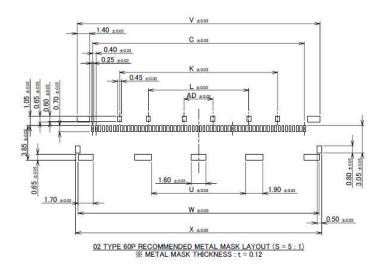
PART No.	Pos.	C	K	L	U	V	W	х
20879-030E-02	30	11.60	4.00	- 1	6.89	15.07	14.89	15.47
20879-040E-02	40	15.60	8.00	4.00	6.50	19.07	18.89	19.47
20879-060E-02	60	23.60	17.60	11.20	10.50	27.07	26.89	27.47

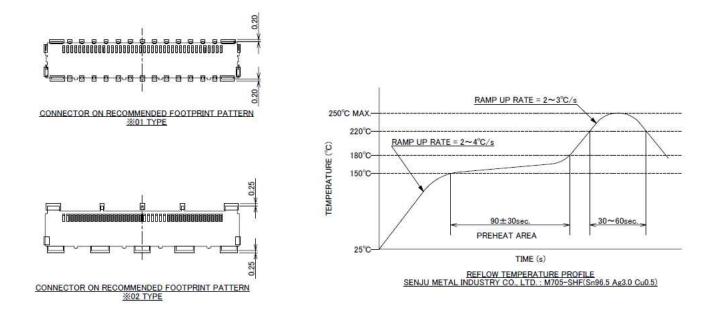
02 TYPE



02 TYPE

	PART No.	Pos.	С	K	L	U	V	W	Х	AD
Γ	20879-030E-02	30	11.60	4.00	-	6.89	15.07	14.89	15.47	-
Γ	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	3.20





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ITEMS	SPECIFICATION					
APPLICABLE CABLE	MICRO-COAXIAL CABLE : AWG# 44, 42, 40, 38, 36 DISCRETE WIRE : AWG# 36, 34 TWINAX CABLE : 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#40] 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 12 CONTACTS 1.0A AC/DC [AWG#34] PER CONTACT PIN/UP TO 12 CONTACTS 1.0A AC/DC [AWG#34] PER CONTACT PIN/UP TO 10 C					
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#36) 380mohm MAX.(AWG#38) 600mohm MAX.(AWG#40) 700mohm MAX.(AWG#42) 1080mohm MAX.(AWG#44)					
GROUND SHELL RESISTANCE	INITIAL : 50mohm MAX. / AFTER TEST : 240mohm 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.

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