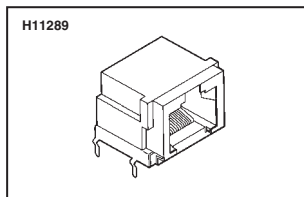


**A**

Fig.	Position/Contacts	Description	Dim. (mm)			Digi-Key Part No.	Price Each			Hirose Part No.
			W	H	D		1	10	100	
27	—	2 x (1) 8-8, (1) 6-6	28.0	14.0	13.5	H11298-ND	6.97	5.90	4.43	TMSRQ-1414(50)
28	2 x 6-2 2 x 6-2	With Power Plug	35.0	15.0	13.7	H11312-ND	3.31	2.74	2.06	TMSRT-1204PWJ(50)
			35.0	15.0	13.7	H11313-ND	3.51	2.91	2.18	TMSRT1-1204PWJ(50)
29	6-6	With Power Plug	24.0	15.0	13.7	H11314-ND	3.89	3.22	2.42	TMSRT1-66PWJ(50)
30	4-4 6-4	Top Entry SMT	13.0	17.0	12.5	H11301-ND	2.80	2.33	1.72	TM15R-44(50)
			14.0	17.0	12.5	H11300-ND	3.02	2.52	1.86	TM15R-64(50)
34	8-8	Receptacle	14.0	11.7	17.0	H11303-ND	3.51	2.91	2.18	TMSRL-88(50)
31	4 x 8-8	Receptacle	56.0	11.7	17.0	H11304-ND	10.24	8.90	7.12	TMSRL-3232(50)
<b>Receptacles — Right Angle, SMT — RoHS Compliant</b>										
35	8-8	Receptacle	15.6	12.3	14.5	H11310-ND	4.61	3.82	2.87	TM18R-TO-88(50)
<b>"TM" Modular Connectors — RoHS Compliant</b>										
31	4 x 8-8	With Light Pipes	59.2	15.3	25.9	H11307-ND	15.47	14.56	12.74	TM21R-5A-3232-LP(50)
37	8-8	Adapter Receptacle to Receptacle	18.6	17.0	37.5	H11315-ND	11.54	10.68	8.95	TM5RL-88-JJ(50)
36	8 x 8-8	With Light Pipes	59.2	28.0	32.5	H11308-ND	21.30	20.59	18.46	TM21R-5B-3232D-LP(50)

Fig.	Position/Contacts	Description	Dim. (mm)			Digi-Key Part No.	Price Each			Hirose Part No.
			W	H	D		1	10	100	
<b>Dust Covers for Modular Connectors — RoHS Compliant</b>										
38	6-6 8-8	Dust Cover	12.0	13.0	8.5	H9007-ND	.65	.53	.39	TM-6-DC
			15.6	13.9	6.5	H9006-ND	.95	.78	.57	TM-8-DC
<b>Plug for CAT6 — RoHS Compliant</b>										
39	8-8	Plug	11.7	8.9	25	H11471-ND	3.60	2.98	2.24	TM23P-88P
<b>Boot for CAT6 Plug — RoHS Compliant</b>										
40	8-8	Black	13.4	17.2	25.3	H11472-ND	1.18	.97	.70	TM23P-8-BT(01)
		Red	13.4	17.2	25.3	H11473-ND	1.18	.97	.70	TM23P-8-BT(02)
		Blue	13.4	17.2	25.3	H11474-ND	1.18	.97	.70	TM23P-8-BT(03)
		Yellow	13.4	17.2	25.3	H11475-ND	1.18	.97	.70	TM23P-8-BT(04)
		Green	13.4	17.2	25.3	H11476-ND	1.18	.97	.70	TM23P-8-BT(05)
		Orange	13.4	17.2	25.3	H11477-ND	1.18	.97	.70	TM23P-8-BT(06)
		Gray	13.4	17.2	25.3	H11478-ND	1.18	.97	.70	TM23P-8-BT(07)
		Light Blue	13.4	17.2	25.3	H11479-ND	1.18	.97	.70	TM23P-8-BT(08)
<b>Receptacles — Right Angle, SMT — RoHS Compliant</b>										
41	8-8	Black; CAT6	15	14.5	13	H11480-ND	3.74	3.10	2.33	TM23R-5A-88(50)
		EMI Shield	15	14.5	13	H11488-ND	4.23	3.51	2.63	TM24RSG-5A-88
—	—	Hand Crimp Tool for CAT6 Plug	—	—	—	H11487-ND	558.60	—	—	HT601-TM23/22P-88P

## Data-Link Shielded Jack and Cable Assembly



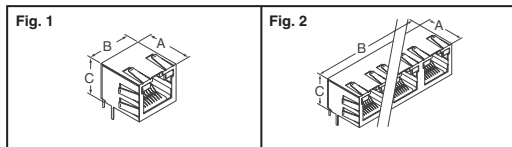
**FEATURES:**  
**Jack:** • In order to protect the circuit inside the equipment, the jack is constructed to allow the shielding to engage first upon mating. • The conventional TM series jack with EMI protection provided with a shield and ferrite core. • The 8-conductor model conforming to RJ-45 and ISO8877 standards

**APPLICATIONS:**  
 • LAN equipment • Office equipment • Measurement equipment • HUB • Router • Computer • ISDN terminal **TM11 "EMI"** protection connector is designed to fulfill the requirement of noise and "ESD" protection. The design is in conformance with the F.C.C. regulation as specified in 476 C.F.R., Part 68, subpart F.\*

### Shielded Jack — PCB Mount

Positions-Contacts	Digi-Key Part No.	Price Each			Hirose Part No.
		1	10	100	
8-8	H11289-ND	5.51	4.56	3.42	TM11R-5C-88(50)

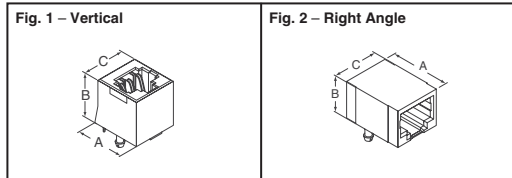
## EDAC RJ45 Modular Jacks with LEDs



**SPECIFICATIONS:**  
 • Insulator Housing: Black Plastic PBT/Nylon, UL 94V-0 • Contact Material: Phosphor Bronze • Contact Plating: Gold Flash or Gold Plate over Nickel • Contact Resistance: 20mΩ max. • Insulation Resistance: 500MΩ min. • Current Rating: 1.5A max. • Voltage Rating: 120VAC max. • Shield Housing: Tin plated Copper Alloy • LED Voltage: 2.1V typical @ 20mA • Reverse Voltage @ <100mA: 5.0V • DC Forward Current: 30mA

Fig.	Circuits-Contacts	LED Color Left / Right	Dimensions (mm)			Digi-Key Part No.	Price Each			EDAC Part No.
			A	B	C		1	10	100	
<b>30μ" Gold</b>										
1	8-8	—	15.75	16.51	13.46	151-1060-ND	3.01	2.67	2.14	A20-108-660-010
		Yellow/Green	15.75	16.51	13.46	151-1061-ND	3.26	2.89	2.31	A20-108-661-310
		Red/Green	15.75	16.51	13.46	151-1062-ND	3.35	2.97	2.38	A20-108-662-310
		Green/Green	15.75	16.51	13.46	151-1063-ND	3.91	3.47	2.78	A20-108-663-310
2	2 x 8-8	Red/Green-Red/Green	15.75	16.51	13.46	151-1064-ND	3.97	3.52	2.82	A20-108-665-510
		Yellow/Green	15.75	32.26	13.46	151-1065-ND	4.84	4.29	3.44	A20-216-660-010
2	4 x 8-8	Green/Green	15.75	32.26	13.46	151-1066-ND	5.74	5.09	4.07	A20-216-661-310
		Yellow/Green	15.75	63.75	13.46	151-1067-ND	5.27	4.68	3.74	A20-216-663-310
<b>Gold Flash</b>										
1	8-8	—	15.75	16.51	13.46	151-1105-ND	2.23	1.98	1.59	A20-108-260-010
		Yellow/Green	15.75	16.51	13.46	151-1106-ND	2.70	2.40	1.92	A20-108-261-310
		Red/Green	15.75	16.51	13.46	151-1107-ND	2.64	2.34	1.87	A20-108-262-310
		Green/Green	15.75	16.51	13.46	151-1108-ND	2.64	2.34	1.87	A20-108-263-310
2	2 x 8-8	Yellow/Green	15.75	32.26	13.46	151-1111-ND	4.43	3.94	3.15	A20-216-260-010
		Green/Green	15.75	32.26	13.46	151-1112-ND	4.90	4.35	3.48	A20-216-261-310
2	4 x 8-8	Green/Green	15.75	63.75	13.46	151-1113-ND	4.90	4.35	3.48	A20-216-263-310
		Yellow/Green	15.75	63.75	13.46	151-1109-ND	9.33	8.28	6.63	A20-432-263-310
2	4 x 8-8	Yellow/Green	15.75	63.75	13.46	151-1110-ND	9.30	8.25	6.60	A20-432-261-310

## RJ45 Modular Jacks



**SPECIFICATIONS:**  
 • Operating Temperature: -40°C – 80°C • FCC Compliance: Part 68 SubPart F • Insulator Housing: Black Plastic PBT/Nylon, UL 94V-0 • Contact Material: Phosphor Bronze • Contact Plating: Gold Flash or Gold Plated over Nickel • Contact Resistance: 30mΩ max. • Insulation Resistance: 500MΩ min. • Current Rating: 1.5A max. • Voltage Rating: 1.25V • Withstanding Voltage: 500VAC (Gold Flash: 1000VAC) • Shield Housing: Tin plated Copper Alloy

Fig.	Circuits-Contacts	Dimensions (mm)			Digi-Key Part No.	Price Each			EDAC Part No.
		A	B	C		1	10	100	
<b>30μ" Gold</b>									
1	8-8	15.90	16.38	15.36	151-1070-ND	1.21	1.08	.86	A00-108-620-450
		16.70	16.20	16.00	151-1071-ND	2.23	1.98	1.59	A00-108-622-450
2	8-8	20.57	13.30	15.24	151-1072-ND	2.36	2.09	1.68	A00-108-660-450
		21.20	13.60	15.88	151-1073-ND	2.39	2.12	1.70	A00-108-662-450
2	8-8	20.57	13.60	30.48	151-1074-ND	3.41	3.03	2.42	A00-216-660-450
		21.27	13.80	31.12	151-1075-ND	4.19	3.72	2.97	A00-216-662-450
2	8-8	28.50	25.14	17.28	151-1076-ND	4.34	4.29	3.44	A00-216-672-450
		20.65	12.83	58.55	151-1077-ND	5.52	4.90	3.92	A00-432-660-450
2	8-8	21.30*	13.60	59.10*	151-1078-ND	9.98	8.86	7.09	A00-432-662-450
		<b>Gold Flash</b>							
1	8-8	15.90	16.38	15.36	151-1099-ND	.71	.64	.51	A00-108-220-450
		16.70	16.20	16.00	151-1100-ND	1.64	1.46	1.17	A00-108-222-450
2	8-8	20.57	13.30	15.24	151-1118-ND	1.21	1.08	.86	A00-108-260-450
		21.20	13.60	15.88	151-1119-ND	1.24	1.10	.88	A00-108-262-450
2	8-8	20.57	13.60	30.48	151-1101-ND	1.33	1.19	.95	A00-216-260-450
		21.27	13.80	31.12	151-1102-ND	2.17	1.93	1.54	A00-216-262-450
2	8-8	28.50	25.14	17.28	151-1103-ND	4.43	3.94	3.15	A00-216-272-450
		20.65	12.83	58.55	151-1104-ND	2.42	2.15	1.72	A00-432-260-450
2	8-8	21.30*	13.60	59.10*	151-1120-ND	3.69	3.28	2.62	A00-432-262-450

\* Dimension is ±0.25 mm

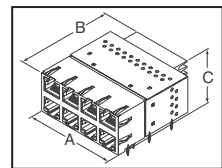
## molex HyperJack 1000 - Power over Ethernet (PoE) Modules



The HyperJack 1000 PoE Module enables all power over Ethernet management functions for Power Sourcing Equipment (PSE) acc. IEEE802.3af with Gigabit Ethernet performance.

Circuits-Contacts	Description	Dimensions (mm)			Digi-Key Part No.	Price Each			Molex Part No.
		A	B	C		1	10	100	
8-8	PoE Module 2x4 Port	59.39	63.53	25.9	WM5458-ND	153.56	131.90	117.76	85586-1003
	PoE Module 2x6 Port	87.33	63.53	25.9	WM5459-ND	251.61	216.11	192.96	85586-1005
	Ethernet 2x6 Port	87.33	40.15	25.46	WM5460-ND	92.87	79.77	71.22	85780-1005

**SPECIFICATIONS: Shield:** • Material: Brass, Plating: Nickel • **Housing:** • Material: Black Thermoplastic UL 94V-0 • **Terminal:** • Phosphor Bronze, Plating: Postplate or Spotplate 0.00127/0.00005 min. • Gold over 0.00127/0.00005 min. • Nickel in contact area, 0.00190/0.000075 min. 100% • Tin in tail area, both over 0.00127/0.000050 min. nickel over all



More Product Available Online: [www.digkey.com](http://www.digkey.com)