

OPTOWELL CO., LTD.						
Optowell Co., Ltd. Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
PH85-B1P1S2-KC	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PH85-F1P1S2-KC	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
RP85-LCT0N	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PP85-F1T1S	R100-0404-03T-XXX-R15-L14	75S	265S	.018	2	2
RP85-LCT1F	R100-SP05-01T-XXX-R15-L14	274K	281K	.018	3	2
PH85-F1P0S2	R100-SP03-02T-XXX-R15-L14	274K	281K	.018	4	2
PP85-B1T1F	R100-SP05-01T-XXX-R15-L14	274K	281K	.018	3	2
RP85-SCT1S	R100-0404-03T-XXX-R15-L14	75S	265S	.018	2	2
PM67-D1P0U	R100-0402-06T-XXX-R15-L14	75S	265S	.018	5	2
RP85-SCT1N	R100-0404-03T-XXX-R15-L14	75S	265S	.018	2	2
RP85-LCT2S-V	R100-SP05-01T-XXX-R15-L14	274K	281K	.018	3	2
PP85-B1T1S	R100-0404-03T-XXX-R15-L14	75S	265S	.018	2	2
PP85-F1T1S	R100-0404-03T-XXX-R15-L14	75S	265S	.018	2	2
PP85-B1T1N	R100-0404-03T-XXX-R15-L14	75S	265S	.018	2	2
PP85-F1T1N	R100-0404-03T-XXX-R15-L14	75S	265S	.018	2	2
RP85-LCT3S-I	R100-0404-03T-XXX-R15-L14	75S	265S	.018	2	2
RP85-LCT1S	R100-0404-03T-XXX-R15-L14	75S	265S	.018	2	2
RP85-LCT1N	R100-0404-03T-XXX-R15-L14	75S	265S	.018	2	2
PM67-F1P0N	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PP85-B1T0N	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
GP85-FC0N	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PM78-F1P0N	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PM85-F1P0N	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PM85-F1P1N-KC	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PM85-F1P1N-AC	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PH85-F1P1S2-KC	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PH85-F1P1S2-AC	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PH85-B1P0U4	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PH85-D2P0U4	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PH85-F1P0U4	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PH85-B1P1S2-AC	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PH85-B1P1N-KC	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PM85-B1P1N-AC	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PH85-B1P1S2-KC	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PM85-B1P0S2	R100-SP03-02T-XXX-R15-L14	274K	281K	.018	4	2
PM98-F1P0N	R100-SP03-02T-XXX-R15-L14	274K	281K	.018	4	2
PH85-B1P0S2	R100-SP03-02T-XXX-R15-L14	274K	281K	.018	4	2
PM78-B1P0N	R100-SP03-02T-XXX-R15-L14	274K	281K	.018	4	2
PM85-B1P0N	R100-SP03-02T-XXX-R15-L14	274K	281K	.018	4	2
PM98-B1P0N	R100-SP03-02T-XXX-R15-L14	274K	281K	.018	4	2
GS85-SCP0S	R100-SP03-02T-XXX-R15-L14	274K	281K	.018	4	2
G85-FCP0S	R100-SP03-02T-XXX-R15-L14	274K	281K	.018	4	2
GP85-SCT0N	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PR65-P1F0T	R100-0402-06T-XXX-R15-L14	75S	265S	.018	5	2
PM85-D1P0U	R100-0402-06T-XXX-R15-L14	75S	265S	.018	5	2
PHM85-D1P0S2	R100-0402-06T-XXX-R15-L14	75S	265S	.018	5	2
PM85-B1P1N-KC	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
GS85-FCP1S-KC	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
RP85-LCT2N-I	R100-SP05-01T-XXX-R15-L14	274K	281K	.018	3	2
PM67-F1P1N	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PM85-B1P1N-KC	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
PH85-D1P0S2	R100-0402-06T-XXX-R15-L14	75S	265S	.018	5	2
GS85-FCP0S	R100-SP03-02T-XXX-R15-L14	274K	281K	.018	4	2
GS85-FCP1S-KC	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
XS85-R5P0U-5U	R098-0402-01T-XXX-R15-L14	75S	265S	.018	6	3

OPTOWELL CO., LTD. <i>Continued</i>						
Optowell Co., Ltd. Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
XM85-R5P0U-4U	R098-0402-01T-XXX-R15-L14	75S	265S	.018	6	3
TP85-LCP1S-KC	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
TP85-LCP1S-AC	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
TP85-LCP0S2	R100-SP03-02T-XXX-R15-L14	274K	281K	.018	4	2
TP85-LCP0N	R100-SP03-02T-XXX-R15-L14	274K	281K	.018	4	2
TP85-LCP1N-KC	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
TP85-LCP1N-AC	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
TP85-LCP1F-KC	R100-0404-03T-XXX-R15-L14	75S	265S	.018	2	2
TP85-LCP1F-AC	R100-0404-03T-XXX-R15-L14	75S	265S	.018	2	2
GP85-FCT0N	R100-0403-05T-XXX-R15-L14	75S	265S	.018	1	2
RP85-LCT2N-I	R100-SP05-01T-XXX-R15-L14	274K	281K	.018	3	2
PR65-F1P0T	R100-0402-06T-XXX-R15-L14	75S	265S	.018	5	2

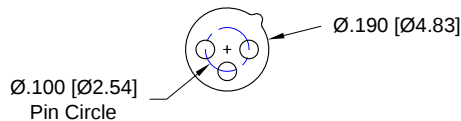


Fig 1

Thru-Hole: R100-0403-05T-**75S**-R15-L14
Surface Mount: R100-0403-05T-**265S**-R15-L14

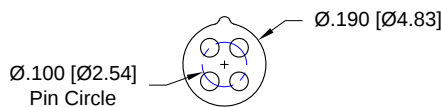
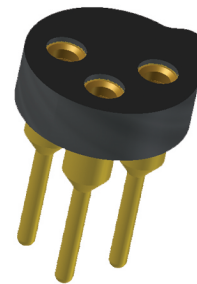


Fig 2

Thru-Hole: R100-0404-03T-**75S**-R15-L14
Surface Mount: R100-0404-03T-**265S**-R15-L14

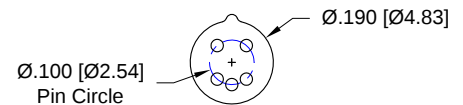


Fig 3

Thru-Hole: R100-SP05-01T-**274K**-R15-L14
Surface Mount: R100-SP05-01T-**281K**-R15-L14

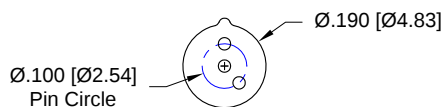


Fig 4

Thru-Hole: R100-SP03-02T-**274K**-R15-L14
Surface Mount: R100-SP03-02T-**281K**-R15-L14

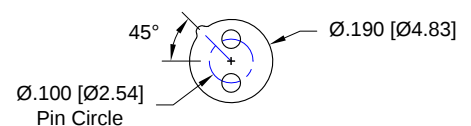


Fig 5

Thru-Hole: R100-0402-06T-**75S**-R15-L14
Surface Mount: R100-0402-06T-**265S**-R15-L14

OPTOWELL CO., LTD. *Continued*

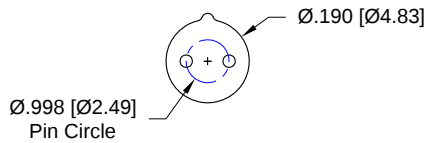
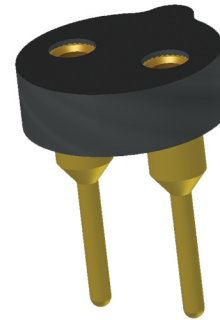


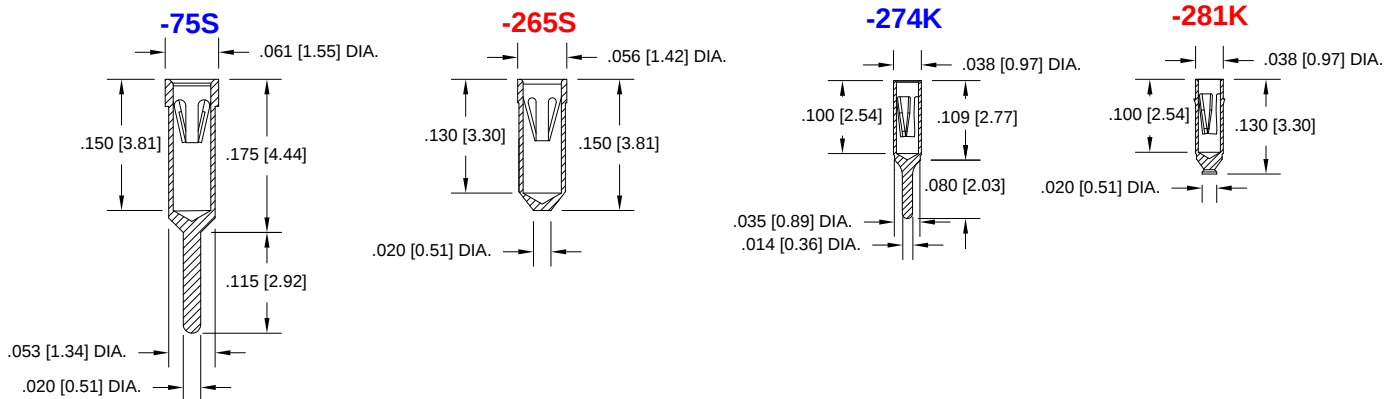
Fig 6

Thru-Hole: R098-0402-01T-**75S**-R15-L14
Surface Mount: R098-0402-01T-**265S**-R15-L14



Socket Terminal Details

Cross Section View Shown Units: in [mm]



Technical Information

Material:

Insulator: Hi-Temp UL 94V-O
Terminal: Brass, per ASTM-B16
Contact: BeCu, Per ASTM-B194

Plating: RoHS COMPLIANT

R15 TERMINAL: GOLD / CONTACT: GOLD

R17 TERMINAL: TIN / CONTACT: GOLD

OTHER PLATINGS AVAILABLE

Terminal Acceptance and Forces							
Thru Hole Terminals				Surface Mount Terminals			
Thru Hole Terminal	Accepts Pin Diameter	Insertion Force	Withdrawal Force	Surface Mount Terminal	Accepts Pin Diameter	Insertion Force	Withdrawal Force
-75S	Ø.018 [Ø0.46]	9.0 oz Avg.	2.0 oz Min	-265S	Ø.018 [Ø0.46]	9.0 oz Avg.	2.0 oz Min
-274K	Ø.018 [Ø0.46]	1.0 oz Max.	0.5 oz Min	-281K	Ø.018 [Ø0.46]	1.0 oz Max.	0.5 oz Min

MOUNTING OPTIONS

