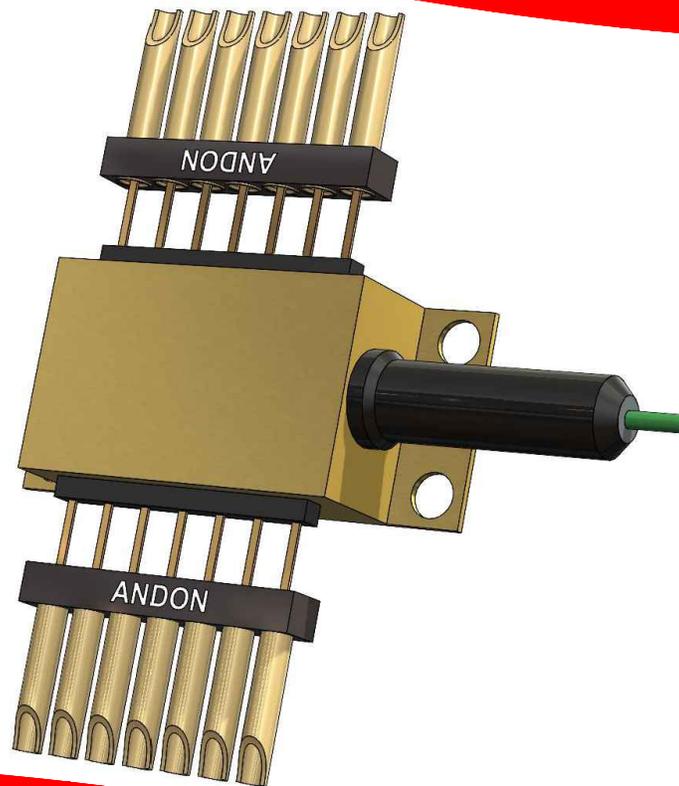




## *High-Reliability Optoelectronic Sockets for RPMC Lasers, Inc.*



**Featuring Andon's Unique Senstac<sup>TM</sup> Contact**

RPMC						
RPMC Part Number	Andon Part Number Replace "XXX" With terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
Pulsed TO56	R100-0403-06T-XXX-R27-L14	75S	93S	0.018	1	1
TO9 - Capped	R100-0403-06T-XXX-R27-L14	75S	93S	0.018	1	1
TO9 - No Cap	R100-0403-06T-XXX-R27-L14	75S	93S	0.018	1	1
TO9 - Single Mode	R100-0403-06T-XXX-R27-L14	75S	93S	0.018	1	1
TO9 - Lensed Capped	R100-0403-06T-XXX-R27-L14	75S	93S	0.018	1	1
Triple Junction TO56 - Capped	R100-0403-06T-XXX-R27-L14	75S	93S	0.018	1	1
Triple Junction TO56 - No Cap	R100-0403-06T-XXX-R27-L14	75S	93S	0.018	1	1
14 Pin Single Mode Butterfly	C10-007-07-01-XXX-R27-L14	560VE	N/A	0.030	2	1
14 Pin DF	C10-007-07-01-XXX-R27-L14	627E	N/A	0.030	2	1
2CM	C486-002-02-02-XXX-R27-L14	608P55	N/A	0.062	3	1
	C10-006-06-01-XXX-R27-L14	627E	N/A	0.030		
15 Pin Fiber Module	C10-008-08-01-XXX-R27-L14	627E	N/A	0.030	4	1
	C10-008-07-01-XXX-R27-L14	627E	N/A	0.040		

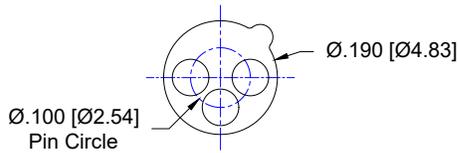


FIG: 1

**Thru-Hole:** R100-0403-06T-75S-R27-L14  
**Surface Mount:** R100-0403-06T-265S-R27-L14

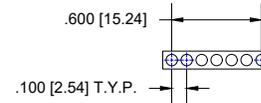
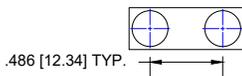


FIG: 2

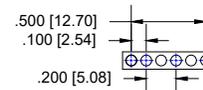
**SOLDER CUP:** C10-007-07-01-672E-R27-L14

## 2CM

FIG: 3



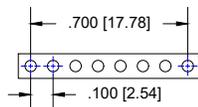
**SOLDER CUP:** C486-002-02-02-608P55-R27-L14



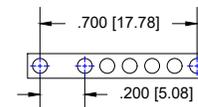
**SOLDER CUP:** C10-006-06-01-672E-R27-L14

## 15 Pin Fiber Module

FIG: 4



**SOLDER CUP:** C10-008-08-01-672E-R27-L14

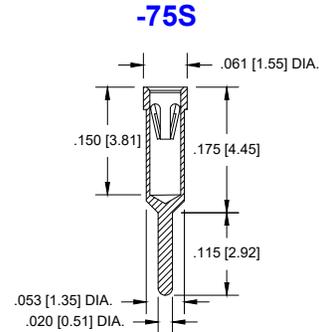


**SOLDER CUP:** C10-008-07-01-672E-R27-L14

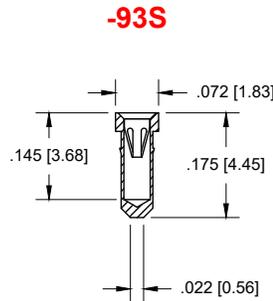
## RPMC Lasers Continued Socket Terminal Details

Cross Section View Shown Units: in [mm]  
Other Terminal Layouts and Configurations available

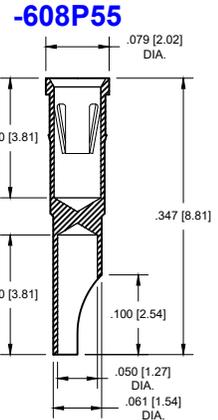
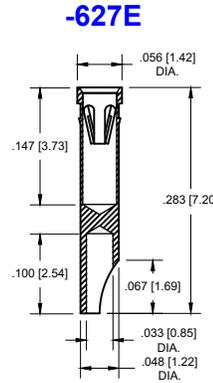
### THRU HOLE OPTION



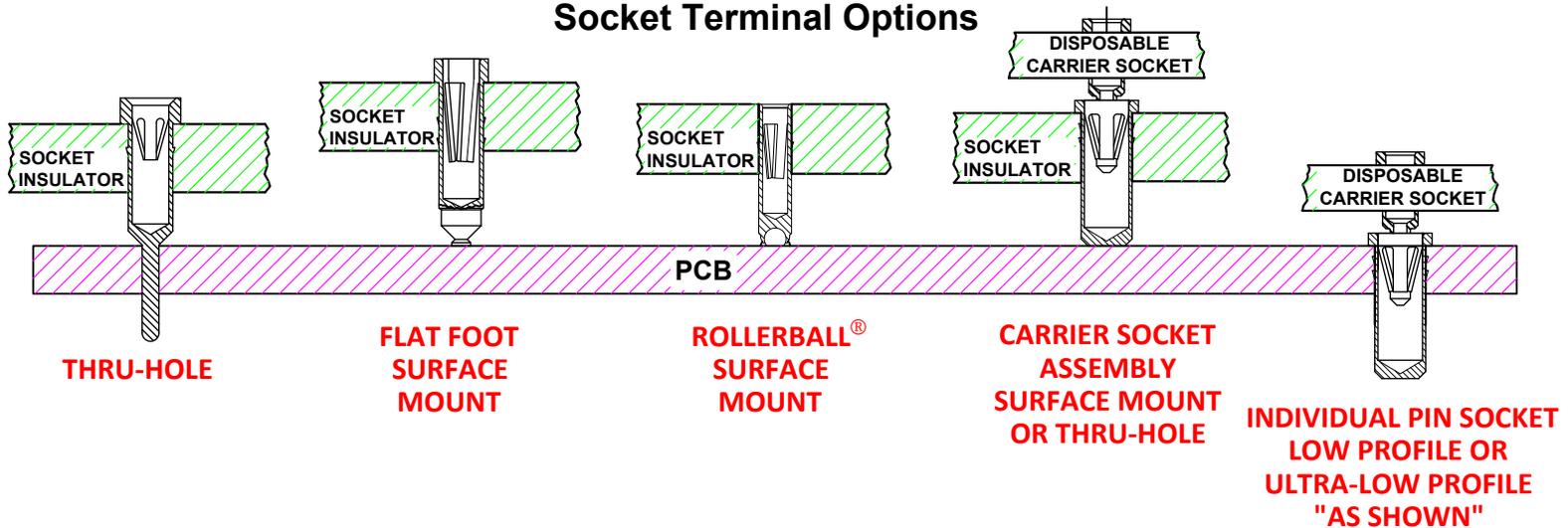
### SURFACE MOUNT OPTION



### SOLDER - CUP OPTION



## Socket Terminal Options



## Technical Information

### Material:

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

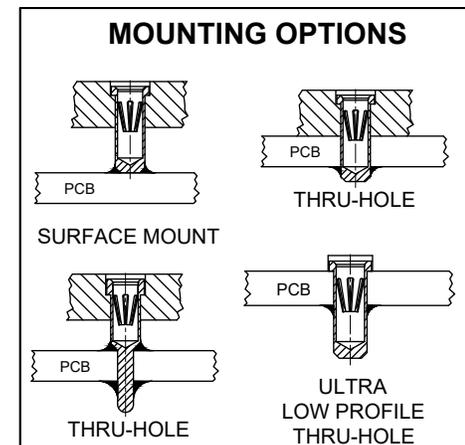
### Plating: RoHS COMPLIANT

R27 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	0.018 [ø0.46]	9.0 OZ AVG.	2.0 OZ MIN.	93S	0.018 [ø0.46]	9.0 OZ AVG.	2.0 OZ MIN.
627E	0.040 [ø1.02]	9.0 oz AVG.	2.0 OZ MIN.	N/A	N/A	N/A	N/A
608P55	0.060 [ø1.52]	15.5 oz Max	2.1 oz Min	N/A	N/A	N/A	N/A



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"ANDON PROPRIETARY INFORMATION"

RoHS Compliant

\*Sockets are not drawn to scale RPMC Lasers, Inc. 6/12/2024

## For fast, accurate placement of SIP sockets and ultra-low profile terminals

**Phase 1:**  
Receive Carrier Assemblies designed to your pin layout.



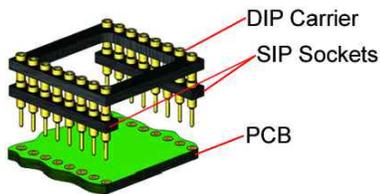
**Phase 2:**  
Place carrier assemblies onto PCB; run through your soldering process.



**Phase 3:**  
Remove carrier and plug in your device; discard carrier.

### DIP

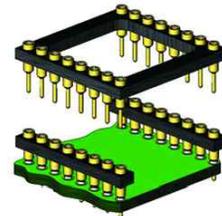
**Before Soldering**



**During Soldering**

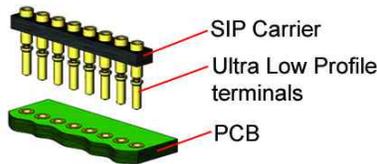


**After Soldering**



### ULTRA-LOW PROFILE SIP

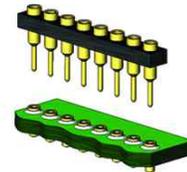
**Before Soldering**



**During Soldering**

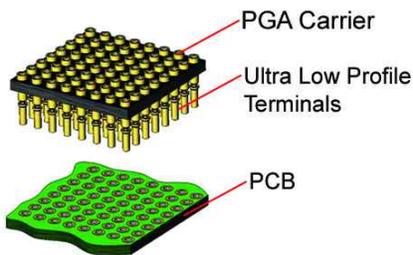


**After Soldering**



### ULTRA-LOW PROFILE PGA

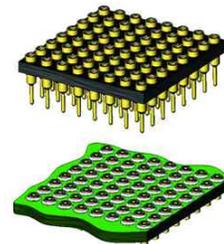
**Before Soldering**



**During Soldering**

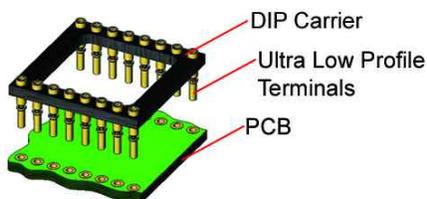


**After Soldering**

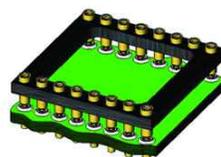


### ULTRA LOW PROFILE DIP

**Before Soldering**



**During Soldering**



**After Soldering**

