



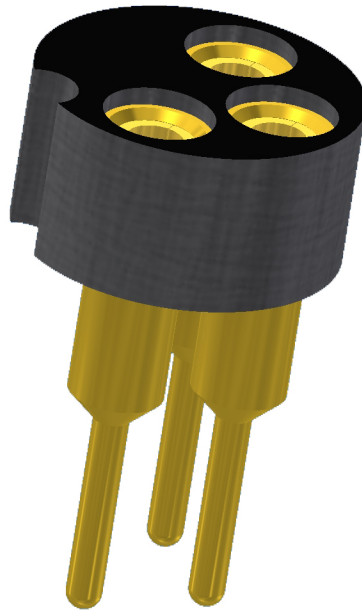
**ANDON**  
INTERCONNECTION SPECIALISTS



RoHS Compliant  
ISO 9001  
Certified

***HIGH RELIABILITY  
OPTOELECTRONIC SOCKETS FOR  
FINISAR CORPORATION***

**FINISAR®**

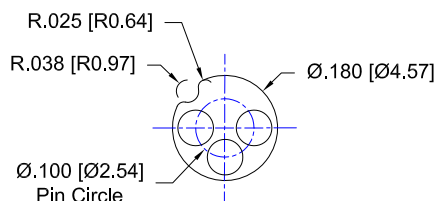


***Featuring Andon's Unique Senstac™ Contact***

FINISAR CORPORATION is a trade mark of FINISAR CORPORATION

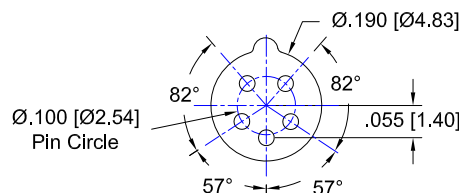
FINISAR CORPORATION						
Model Number	Andon Part Number Replace "XXX" with Terminal Type	Terminal Type		Pin Ø [in]	Figure Number	Page Number
		Thru-Hole	Surface Mount			
HFD3141-203	R100-SP05-01T-XXX-R27-L14	274K	281K	.018	2	1
HFD3180-103	R100-SP05-01T-XXX-R27-L14	274K	281K	.018	2	1
HFD3180-203	R100-SP05-01T-XXX-R27-L14	274K	281K	.018	2	1
HFD7180-001	R100-SP05-01T-XXX-R27-L14	274K	281K	.018	2	1
HFE4083-322	R100-0403-02N-XXX-R27-L14	75S	265S	.018	1	1
HFE4091-341	R100-0403-02N-XXX-R27-L14	75S	265S	.018	1	1
HFE4093-332	R100-0403-02N-XXX-R27-L14	75S	265S	.018	1	1
HFE4093-342	R100-0403-02N-XXX-R27-L14	75S	265S	.018	1	1
HFE4094-542	R100-SP05-01T-XXX-R27-L14	274K	281K	.018	2	1
HFE419x-441	R100-0403-02N-XXX-R27-L14	75S	265S	.018	1	1
HFE7192-6x1	R100-SP05-01T-XXX-R27-L14	274K	281K	.018	2	1
HVS7000-001	R100-0403-02N-XXX-R27-L14	75S	265S	.018	1	1

See last page for other mounting types including low profile options.  
Heat sink socket available to reduce heat and noise. Contact Andon for details.



**FIG. 1**

**Thru-Hole:** R100-0403-02N-**75S**-R27-L14  
**Surface Mount:** R100-0403-02N-**265S**-R27-L14

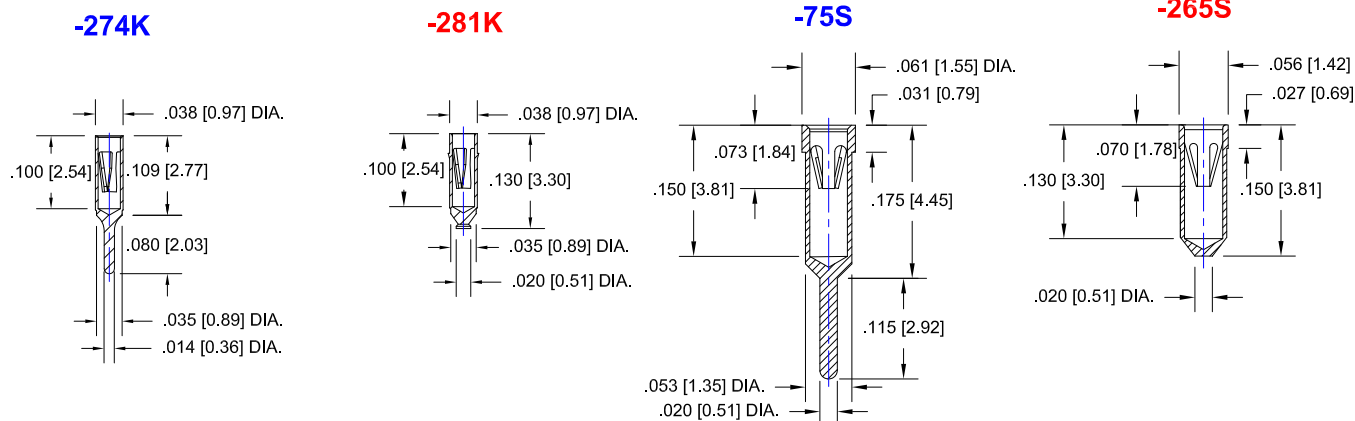


**FIG. 2**

**Thru-Hole:** R100-SP05-01T-**274K**-R27-L14  
**Surface Mount:** R100-SP05-01T-**281K**-R27-L14

## FINISAR CORPORATION *Continued*

### 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

R27 TERMINAL: GOLD / CONTACT: GOLD

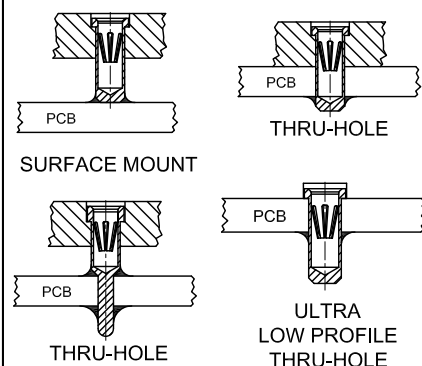
R29 TERMINAL: TIN / CONTACT: GOLD

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 Avg.	0.5 oz Min	-281K	Ø.018 [Ø0.46]	1.0 oz Avg.	0.5 oz Min

### MOUNTING OPTIONS



"ANDON PROPRIETARY INFORMATION"

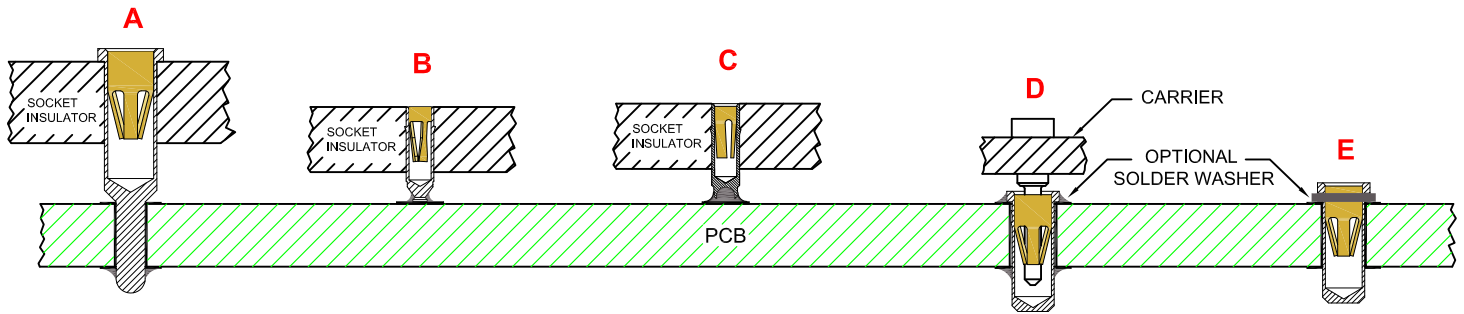
RoHS Compliant

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\*Sockets are not drawn to scale FINISAR CORPORATION 9/14/2016

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Phone 401-333-0388 Fax 401-333-0287  
Email [Info@andonelect.com](mailto:Info@andonelect.com)



**THRU-HOLE  
SOCKET**

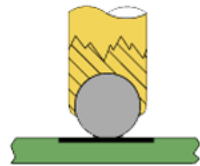
**SMD-SOCKET**

**SMD  
ROLLERBALL®  
SOCKET  
(PATENTED)**

**REMOVABLE  
CARRIER  
WITH ULTRA-LOW  
PROFILE PIN SOCKETS**

**INDIVIDUAL  
ULTRA-LOW PROFILE  
PIN SOCKETS  
(BEFORE SOLDERING)**

**ROLLERBALL®  
SOCKET**



**BEFORE SOLDERING**

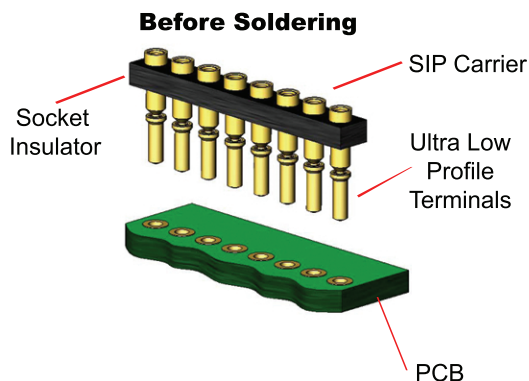
**ROLLERBALL®  
SOCKET**



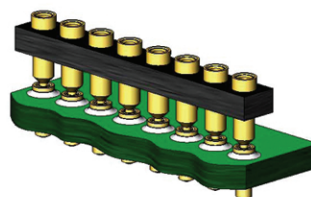
**AFTER SOLDERING**

**A more reliable solder joint for surface mount applications !**

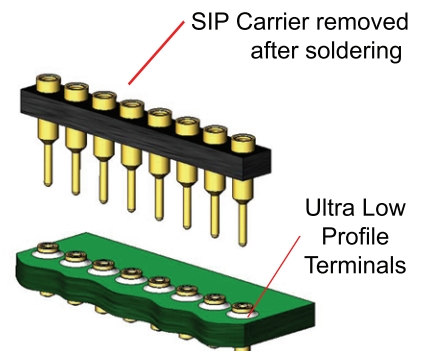
**ULTRA LOW PROFILE SIP/DIP/PGA CARRIER ASSEMBLY See 'D' above**



**During Soldering**



**After Soldering**



**Available with or without solder washer**